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US Moorings Project Area



Final First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan

Prepared for U.S. Environmental Protection Agency, Region 10

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Prepared for
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ABBREVIATIONS

µg	microgram
AOC	<i>Administrative Settlement Agreement and Order on Consent for Removal Action</i>
BaPEq	benzo(a)pyrene equivalent
bml	below mudline
BODR	Basis of Design Report
Buried Contamination Guidance	<i>Buried Contamination Guidelines for Portland Harbor Site</i>
CFR	Code of Federal Regulations
CMA	Coastal Monitoring Associates
CMC	Criterion Maximum Concentration
COC	contaminant of concern
Combined BOD-PDR	<i>Combined Sediment Remedy Basis of Design and Preliminary Design Report</i>
Combined DSR-PDIWP	<i>Final First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan</i>
cPAH	carcinogenic polycyclic aromatic hydrocarbon
CSM	conceptual site model
CUL	cleanup level
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DDx	the sum of DDD, DDE, and DDT
DEQ	Oregon Department of Environmental Quality
DGWP	<i>Revised Pre-Remedial Design Data Gaps Work Plan</i>
DOC	depth of contamination
DQO	data quality objective
EPA	U.S. Environmental Protection Agency
ERHASP	<i>Revised Final Emergency Response and Health and Safety Plan</i>
FCR	Field Change Request
First Phase FSP	<i>Revised Final Field Sampling Plan</i>
First Phase QAPP	<i>Revised Final Quality Assurance Project Plan</i>
FMD	future maintenance dredging
HxCDF	1,2,3,4,7,8-hexachlorodibenzofuran
kg	kilogram
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
LiDAR	Light Detection and Ranging
LOE	line of evidence

MDL	method detection limit
mg	milligram
MS	matrix spike
MSD	matrix spike duplicate
NAPL	nonaqueous phase liquid
NRC	not reliably contained
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PDI	pre-design investigation
PDIWP	<i>Revised Final Pre-Design Investigation Work Plan</i>
PeCDD	1,2,3,7,8-pentachlorodibenzo-p-dioxin
PeCDF	2,3,4,7,8-pentachlorodibenzofuran
Project Area	US Moorings Project Area
PTW	principal threat waste
PTW-highly toxic	surface sediments containing concentrations exceeding the “highly toxic” concentrations identified in ROD Table 21
QA	quality assurance
QC	quality control
RAL	remedial action level
RCRA	Resource Conservation and Recovery Act
RD	remedial design
RD Work Plan	Remedial Design Work Plan
RL	reporting limit
RM	river mile
ROD	<i>Record of Decision – Portland Harbor Superfund Site, Portland, Oregon</i>
RPD	relative percent difference
Second Phase PDI FSP	<i>Second Phase Pre-Design Investigation Field Sampling Plan</i>
Second Phase PDI QAPP	<i>Second Phase Pre-Design Investigation Quality Assurance Project Plan</i>
SMA	sediment management area
SOW	<i>Remedial Design Statement of Work, Portland Harbor Superfund Site, U.S. Moorings Project Area</i>
SVOC	semivolatile organic compound
TCDD	2,3,7,8-tetrachlorodibenzo-p-dioxin
TCDF	2,3,7,8-tetrachlorodibenzofuran
TCLP	toxicity characteristic leaching procedure
TOC	total organic carbon
TS	total solids
VOC	volatile organic compound

1 Introduction

This *Final First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan* (Combined DSR-PDIWP) summarizes the results of the first phase pre-design investigation (PDI) for the US Moorings Project Area (Project Area), located between approximately the downstream end of the St. Johns Bridge and river mile (RM) 6.1 on the west side of the Willamette River, and bounded on the upstream side by the Gasco Sediments Site Project Area, the channelward side by the B1 Navigation Channel Project Area, and the downstream side by the B1a Project Area (Figure 1-1). This Combined DSR-PDIWP has been prepared under the *Administrative Settlement Agreement and Order on Consent for Removal Action* (AOC; CERCLA Docket No. 10-2009-0255), the *AOC Amendment No. 2 for Remedial Design at B1 Navigation Channel Project Area and U.S. Moorings Project Area*, and the *Remedial Design Statement of Work, Portland Harbor Superfund Site, U.S. Moorings Project Area* (SOW; EPA 2020a) executed between NW Natural and the U.S. Environmental Protection Agency (EPA). This Combined DSR-PDIWP addresses EPA's comments dated July 21, 2022, and February 22, 2023, on the draft and revised versions of the Combined DSR-PDIWP dated May 27 and November 30, 2022, respectively. Responses to EPA's comments are provided in Appendix J. In addition, this Combined DSR-PDIWP addresses EPA comments dated September 19, 2022, pertaining to the expedited conditional approval of the groundwater seepage meter deployment scope of work contained herein. EPA's conditional approval letter and follow-up correspondence between EPA and Anchor QEA (on behalf of NW Natural) are included in Appendix J.

The EPA-approved *Revised Final Pre-Design Investigation Work Plan* (PDIWP; Anchor QEA 2020a) presents the rationale, approach, and methods for completing all aspects of the first phase PDI. Any deviations made to the PDIWP were submitted to and approved by EPA in Field Change Requests (FCRs), as summarized in Section 2 and Table 1-1 and provided in full in Appendix A. The first phase PDI results are presented and evaluated in this Combined DSR-PDIWP and used to support the design of the proposed second phase PDI to complete any outstanding Sediment Management Area (SMA) and Conceptual Site Model (CSM) Refinement Objectives and to address the Remedial Technology Refinement Objective. The combined first and second phase results will be used to develop the Basis of Design Report (BODR) and subsequent Remedial Design Work Plan (RD Work Plan) required by the SOW.

1.1 Purpose and Objectives

Consistent with the SOW, the purpose of the PDI is to identify and address data gaps by conducting field investigations needed to develop the BODR and RD Work Plan for the following three specific refinement objectives identified:

1. SMA Refinement Objective

2. CSM Refinement Objective
3. Remedial Technology Refinement Objective

Because of the limited amount of data available within the Project Area when the *Record of Decision – Portland Harbor Superfund Site, Portland, Oregon* (ROD; EPA 2017) was issued, the PDI is being implemented in two phases. The first phase was completed in 2021 and informs the first two objectives (SMA Refinement and CSM Refinement). Based on the first phase findings presented herein, the second phase has been designed to complete any outstanding SMA and CSM refinements and to address the Remedial Technology Refinement Objective.

The results from the first phase PDI data collection, presented in this Combined DSR-PDIWP, provide the data necessary to refine SMAs and the CSM and provide information necessary for upcoming remedial design (RD) data requirements. These data are used to support the RD data gaps evaluation for the second phase PDI presented in Section 5.

Consistent with the SOW, this Combined DSR-PDIWP presents the following:

- Summary of the investigations performed (i.e., the PDI)
- Summary of investigation results
- Summary of validated data (i.e., tables and graphics)
- Laboratory data reports and data validation reports
- Narrative interpretation of data and results
- Photographs documenting the work conducted
- Next steps to complete the second phase PDI

Statistical and modeling analyses, as described in SOW Section 3.2(b)(6), are not applicable for this report and are, therefore, not included herein.

1.2 Document Organization

The remainder of this document is organized into the following sections:

- Section 2 – First Phase Pre-Remedial Design Investigation Overview
- Section 3 – First Phase Chemical and Physical Data Quality
- Section 4 – First Phase Chemical and Physical Analytical Test Results
- Section 5 – Second Phase Pre-Design Investigation Work Plan
- Section 6 – Schedule and Reporting
- Section 7 – References

The following appendices are attached to this document:

- Appendix A – Field Change Requests
- Appendix B – Field Sampling Collection Forms and Logs

- Appendix C – Field Photographs
- Appendix D – Field Daily Reports
- Appendix E – Laboratory Data Reports
- Appendix F – Data Validation Reports
- Appendix G – Second Phase Pre-Design Investigation Field Sampling Plan
- Appendix H – Second Phase Pre-Design Investigation Quality Assurance Project Plan
- Appendix I – Seepage Meter Deployment Supplemental Information
- Appendix J – NW Natural Response to EPA’s July 21, 2022, and February 22, 2023 Comments on the Draft and Revised Combined DSR-PDIWP
- Appendix K – Fall Seepage Meter Deployment Expedited Conditional Approval
- Appendix L – Shoreline Habitat Assessment

2 First Phase Pre-Remedial Design Investigation Overview

This section provides an overview of the first phase PDI conducted at the Project Area from October 2020 through May 2021. The sampling activities described in this section were performed to fill the data gaps identified in the PDIWP (Anchor QEA 2020a) using methodologies discussed in the *Revised Final Field Sampling Plan* (First Phase FSP; Anchor QEA 2020b). The PDI scope of work was completed in its entirety, with all refinements documented in the EPA-approved FCRs summarized in Table 1-1 and provided in Appendix A.

This section discusses the number and type of samples collected, the analyses that were conducted, and the details of the sampling methodologies used to complete the PDI. Summaries of each PDI sampling program are presented in Tables 2-1 through 2-4. Locations for each sample are presented in Figures 2-1, 2-2, and 2-3.

Quality control (QC) measures implemented during PDI data collection efforts are summarized in Section 3 consistent with the *Revised Final Quality Assurance Project Plan* (First Phase QAPP; Anchor QEA 2020c), and observations and chemical and physical analytical test results are presented in Section 4.

Field sampling collection forms and processing logs are presented in Appendix B, field photographs are presented in Appendix C, and field daily reports submitted to EPA during the PDI are presented in Appendix D.

2.1 Surface Sediment Sampling

Surface sediment grab samples were collected from the 0- to 1-foot-below-mudline (bml) interval consistent with methods described in the First Phase FSP (Anchor QEA 2020b) to address the data gaps and temporal relevancy requirements identified in Section 3.5 of the PDIWP (Anchor QEA 2020a) for the SMA Refinement and CSM Refinement Objectives.

2.1.1 SMA Refinement, Data Density, and Temporal Relevance Within the Project Area

As identified in the First Phase FSP (Anchor QEA 2020b), surface grabs were collected to refine the SMAs within the Project Area (Figure 2-1) using a three-point composite approach via hydraulic power grab deployed from a sampling vessel. These samples were analyzed for total solids (TS), total organic carbon (TOC), the “focused contaminants of concern” (COCs) and “additional contaminants” included in ROD Table 21, and geotechnical index parameters. ROD Table 21 establishes remedial action levels (RALs), principal threat waste (PTW)-highly toxic thresholds, and PTW-not reliably contained (NRC) thresholds—collectively referred to herein as RAL and PTW

thresholds.¹ Aside from the items described in the EPA-approved FCRs (Appendix A), there were no deviations during these PDI field sampling activities.

In accordance with Section 6.1 of the PDIWP (Anchor QEA 2020a), NW Natural used the following lines of evidence to identify the EPA-approved surface (0 to 1 foot) sediment grab locations to refine the lateral extents of the SMAs within the Project Area:

- Updated RAL focused COC and PTW-highly toxic threshold natural neighbor exceedance contours using the ROD surface sediment dataset supplemented with the additional collected first phase surface sediment data
- Data density within and immediately adjacent to the Project Area SMAs
- The age (temporal relevance) of closely located surface sediment grabs collected within the Project Area boundary at different times and where there is potential for erosion and/or burial of contaminated surface sediment to alter concentrations, particularly at locations where large concentration changes have been documented

Fifty-five three-point composite surface grab samples were proposed to refine the ROD-identified SMA limits within the Project Area, as shown in Figure 2-1 and summarized in Table 2-1. However, during the field effort, EPA approved removing USMPDI-032 from the PDI sampling program. As described in FCR #4 (Table 1-1; Appendix A), the RD data density data quality objective (DQO) in this area was already achieved. Therefore, 54 three-point composite surface grab samples were collected during the first phase PDI.

The bulk surface sediment results are summarized in Section 4.1.

2.2 Subsurface Sediment Sampling

As discussed in Section 5.4 of the PDIWP (Anchor QEA 2020a), the first phase PDI included the collection of subsurface sediment data to support delineation of the depth of contamination (DOC; for this project, DOC is defined as the bottom depth of ROD Table 21 RAL, PTW-highly toxic threshold exceedances, and PTW-NAPL² in the bottom sampled interval with two consecutive 1-foot underlying intervals containing no exceedances) and performance of capping demonstrations throughout the SMAs, including any necessary chemical stability evaluations to support buried contamination determinations.³ Consistent with Section 3.4 of the First Phase FSP (Anchor QEA 2020b), 20-foot core tubes were advanced to a maximum depth of 20 feet bml or to refusal in

¹ The ROD RAL and PTW thresholds were updated to include revisions from the ROD *Explanation of Significant Differences – Portland Harbor Superfund Site, Portland, Oregon* (EPA 2019a) and Errata #3, dated September 7, 2022 (EPA 2022b).

² PTW-NAPL has not been observed in any surface or subsurface sediment or riverbank soil samples collected from the Project Area to date.

³ While not explicitly stated in the PDIWP (Anchor QEA 2020a), these first phase subsurface cores can also be used to achieve the buried contamination SMA Refinement Objective in accordance with EPA's Buried Contamination Guidance (EPA 2022a). See Section 5.1.2 for additional information.

intermediate⁴ and future maintenance dredging (FMD) regions (site regions are identified in ROD Figure 18) and to 16 feet bml or to refusal in the shallow⁵ region using a vibrocore deployed from a vessel using a core recovery acceptability criterion of 75%. As described in FCR #4 (Table 1-1; Appendix A), four cores located in the shallow region (USMPDI 028, USMPDI-030, USMPDI-031, and USMPDI-035) used an 8-foot coring assembly approved by EPA due to shallow refusal and insufficient river water surface elevations to collect the proposed 16-foot cores. Each core was visually logged for the potential presence of PTW-nonaqueous phase liquid (NAPL) throughout the full penetration depth, as described in the SOW (EPA 2020a).

2.2.1 *Subsurface Sediment DOC*

Subsurface sediment cores were collected throughout the entire Project Area at less than 150-foot data density and analyzed consistent with Section 3.4 of the First Phase FSP (Anchor QEA 2020b) such that the DOC could be determined at each subsurface sediment sampling location. NW Natural used the following lines of evidence to assess the surface sediment defined boundaries of the Project Area and to identify the EPA-approved locations to refine the Project Area and inform the DOC:

- The presence, if any, of subsurface sediment ROD Table 21 RALs and PTW-highly toxic threshold exceedances within the Project Area that do not have co-located surface sediment exceedances but have the potential for future exposure based on chemical and physical characteristics
- Data density throughout the Project Area necessary to proceed with RD

Based on these lines of evidence, fifty-seven sediment cores were proposed to confirm or refine the current DOC within the Project Area as depicted in Figure 2-2. Fifty-five of these locations were co-located with surface grab samples; two locations with existing Pre-RD Group surface data did not require surface grabs. As described in FCR #4 (Table 1-1; Appendix A), USMPDI-032 was removed from the PDI sampling program due to the RD data density DQO in this area already being achieved. Therefore, 56 subsurface sediment core locations were sampled during the first phase PDI. All DOC cores were analyzed for the analytes presented in Tables B5-1 and B5-2 of the First Phase FSP (Anchor QEA 2020b). However, as described in FCR #1 (Table 1-1; Appendix A), adjustments were made to include alkylated polycyclic aromatic hydrocarbons (PAHs) and total petroleum hydrocarbon sampling intervals so they would be co-located with capping evaluation sample intervals at six core locations.

⁴ The intermediate region is defined in Section 14.2.3 of the ROD as "outside the horizontal limits of the navigation channel and FMD areas to the riverbed elevation of approximately -2 ft CRD [+1.1 ft COP]."

⁵ The shallow region is defined in Section 14.2.4 of the ROD as "shoreward of the riverbed elevation of approximately -2 ft CRD [+1.1 ft COP]."

2.2.2 *Subsurface Bulk Sediment Sampling to Support Capping Demonstrations*

As stated in Section 6.2.2. of the PDIWP (Anchor QEA 2020a), the sampling objective for bulk subsurface sediment samples is to measure bulk sediment concentrations approximately 4 feet below a potential future pre-cap surface elevation. Therefore, bulk subsurface sediment samples were collected from each of the proposed DOC cores discussed in Section 2.2.1. Bulk sediment samples were submitted for chemical analyses and used to support evaluation of capping viability based on application of the ROD Figure 28 technology application decision tree. Cores collected from each region of the Project Area were sampled to obtain bulk sediment data for the preliminary capping evaluations as follows:

- **Within the Navigation Channel:** NW Natural collected two cores within the navigation channel adjacent to the Project Area. These cores were subsampled in successive 2-foot sediment composite intervals starting at -47 feet City of Portland datum and continuing to the full core recovery depth.
- **Outside the Navigation Channel in the FMD Areas and Intermediate Region:** NW Natural collected 38 cores throughout the Project Area within the intermediate region. Each core was subsampled in successive 2-foot composite sediment intervals starting at the existing mudline and continuing to the full core recovery depth.
- **Outside the Navigation Channel in the Shallow Region:** NW Natural collected 17 cores throughout the Project Area within the ROD-identified shallow region. As discussed in FCR #4 (Table 1-1; Appendix A), USMPDI-032 was removed from the PDI sampling program due to the RD data density DQO in this area already being achieved. Therefore, 16 cores were collected in this region during the first phase PDI. Consistent with the first phase PDI, each core was subsampled in the following successive intervals: 0 to 2 feet, 2 to 5 feet, 5 to 7 feet, 7 to 10 feet, and 10 to 13 feet.

Composite bulk sediment samples from each region of the Project Area (i.e., navigation channel, FMD areas, intermediate region, or shallow region) were submitted for chemical analysis as discussed in Section 6.2.2 of the PDIWP (Anchor QEA 2020a). A single archive sample was collected from each core interval that does not overlap with the DOC objective sample intervals.

The subsurface sediment results are provided in Section 4.2.

2.3 **Riverbank Surface Soil and Angled Boring Subsurface Soil Sampling**

As discussed in Section 5.4 of the PDIWP (Anchor QEA 2020a), to inform remedial technology refinement along the riverbank, angled borings were advanced from the top of riverbank under the existing riverbank surface. At each angled riverbank boring location, surface soil samples (riverbank soil samples for erodibility testing) were collected, and subsurface soil samples were collected to

characterize the wedge of riverbank soil material between the toe of slope and the top of the riverbank.

Riverbank surface and subsurface soil samples were collected for additional information to inform the following RD evaluations:

- Estimated vertical and lateral extents of PTW-NAPL, and RAL, PTW-highly toxic, and ROD Table 17 riverbank soil/sediment cleanup level (CUL) exceedances in the riverbank
- Lateral extent of the riverbank that passes the erosion evaluation identified in the ROD technology application decision tree (Appendix A of the PDIWP [Anchor QEA 2020a])
- Evaluation of applicable remediation technologies based on erosion and presence of contamination
- Bulk sediment data to support the riverbank capping demonstration

2.3.1 Riverbank Surface Soil

As discussed in Section 6.3 of the PDIWP (Anchor QEA 2020a), 13 surface soil sample locations were proposed for collection on approximately 150-foot horizontal spacing across the Project Area uplands immediately adjacent to the river. As verbally agreed with EPA oversight personnel during visual reconnaissance of the riverbank and described in EPA-approved FCR #3 (Table 1-1; Appendix A), all riverbank surface soil locations other than USMPDI-073 and USMPDI-077 were abandoned due to lack of surface erodible soils. Therefore, only 2 of the 13 proposed surface soil sample locations were collected.

Each of the 2 surface grab sample locations was collected as a two-point composite sample from 0 to 1 foot below ground surface, consistent with FCR #3 (Table 1-1; Appendix A) and the methodologies described in the First Phase FSP (Anchor QEA 2020b). The grab samples were submitted for chemical analysis, as discussed in Section 6.3 of the PDIWP (Anchor QEA 2020a). As discussed in FCR #3, limited surface soils were present at USMPDI-073 and USMPDI-077 limiting the amount of available sample volume. Therefore, chemical analyses were prioritized over geotechnical index parameter analyses at these locations.

2.3.2 Riverbank Angled Borings

As discussed in Section 6.4 of the PDIWP (Anchor QEA 2020a), 13 riverbank angled boring locations (riverbank soil samples for erodibility testing) were proposed based on approximately 150-foot horizontal spacing across the Project Area uplands immediately adjacent to the river. As discussed in FCR #2 (Table 1-1; Appendix A), riverbank angled boring locations USMPDI-065 and USMPDI-070 were abandoned from the PDI sampling program due to the presence of utilities and a timber bulkhead wall resulting in boring separation much closer than the proposed 150 feet. Therefore, 11 riverbank angled boring locations were collected during the first phase PDI.

Each boring was advanced at an angle toward the river from the top of the riverbank to access subsurface riverbank soils that were inaccessible directly from the surface due to heavy armoring, dense vegetation in some areas, and a steep slope. Bottom depths of each boring were at least as deep as the mudline elevation of the closest downgradient existing or proposed sediment core location. Target locations were adjusted based on contractor access. The drill rig was set up so the core barrel entered the ground at an angle approximating the angle of the riverbank slope, but no shallower than 45 degrees and no steeper than 90 degrees. Boring angles were confirmed in the field using an inclinometer and are included on the boring logs.

Consistent with Section 6.4 of the PDIWP (Anchor QEA 2020a), continuous soil samples were obtained and sampled from 0 to 10 feet, 10 to 20 feet, and 20 feet to the elevation of the nearest offshore sediment core location. Accounting for the angled boring, the target bottom depth interval was calculated as the vertical distance from the ground surface if the core barrel was oriented perpendicular to the ground surface. Riverbank angled boring samples were submitted for chemical analysis, as discussed in Section 6.2.2 of the PDIWP.

3 First Phase Chemical and Physical Data Quality

The data quality assurance (QA)/QC program for the Project Area was performed consistent with the First Phase QAPP (Anchor QEA 2020c). The data QC criteria were met with some limited exceptions. Most data (greater than 99% of the total) are acceptable for use as reported or as qualified, and 21 results (out of 68,296 total results) were rejected due to very low or no recoveries in the surrogate, laboratory control sample (LCS), or matrix spike (MS)/matrix spike duplicate (MSD). Measures were taken to ensure data quality employed current EPA, Standard Method, and ASTM International (ASTM 2010) protocols. Specific actions included field QA/QC, chain-of-custody procedures, and laboratory data review and validation. Chain of-custody forms and laboratory reports are included in Appendix E. Appendix F provides the data validation reports.

3.1 Testing Laboratories and Methods

Chemical and physical analytical testing was performed by Alpha Analytical; ALS Environmental; Apex Laboratories, LLC; Analytical Resources, Inc.; SGS North America Inc.; and Vista Analytical Laboratory. Geotechnical testing was performed by GeoTesting Express.

3.2 Data Quality Objectives

DQOs for this project were to develop and implement procedures that would ensure the collection of representative data of known, acceptable, and defensible quality to achieve project objectives listed in the PDIWP (Anchor QEA 2020a). The analytical testing suite included the parameters listed in Tables C-2 through C-6 of the First Phase QAPP (Anchor QEA 2020c), and DQOs were assessed by the parameters detailed in Section 3.4 of the First Phase QAPP and by applying the precision, accuracy, and completeness control limits in First Phase QAPP Table C-8 to the data during validation.

3.3 Quality Assurance/Quality Control

This section describes the laboratory and field QC procedures that were performed consistent with the First Phase QAPP (Anchor QEA 2020c) to ensure data are of known and acceptable precision and accuracy to achieve project objectives. These procedures included analytical and field QC requirements.

3.3.1 *Field Quality Assurance/Quality Control*

Field QC samples included equipment rinsate blanks and field duplicates that were analyzed to identify field sample heterogeneity and cross-contamination issues, resulting from sample collection or sample processing in the field. All field QC samples were documented on the field forms and verified by the Project QA Manager or designee.

3.3.1.1 Field Blanks

One equipment rinsate blank was collected for each type of sampling technique used to evaluate the cleanliness of the sample containers and efficiency of field decontamination procedures. Rinsate blanks were collected by rinsing deionized water through the water sample collection equipment and over the sediment grab and coring homogenization equipment after standard decontamination procedures were performed consistent with Section 4.3 of the First Phase FSP (Anchor QEA 2020b). Pre-prepared trip blanks were provided by the laboratory. No field blanks were collected for surface sediment grabs during the fall 2020 sampling event due to an oversight by the field team. However, field blanks were collected during the subsurface sediment and surface and subsurface riverbank soil sampling and during the 2021 surface sediment sampling, and the results demonstrated that sample containers provided by the laboratory and used for the first phase PDI were acceptable. The rinsate blanks were collected in appropriate containers for the required analyses. Most rinsate blank results were below detection with the exceptions of some low-level detections in the metals, PAH, volatile organic compound (VOC), polychlorinated biphenyl (PCB) congener, dioxin/furan, and pesticides analyses. Most detected concentrations were between the method detection limit (MDL) and the reporting limit (RL) and much lower than detected sample concentrations. Because detections were infrequent and concentrations were low, decontamination procedures were determined to be adequate, and no data were qualified due to field blank detections.

3.3.1.2 Field Duplicates

Field duplicates were collected at greater than the required frequency of one per twenty samples for surface sediment, riverbank surface soil samples, and riverbank subsurface soil samples. Field duplicates were collected at the required frequency for subsurface sediment samples that were initially submitted for analyses. However, the overall frequency is slightly below the required frequency because field duplicates could not be submitted for archived subsurface sediment samples that were triggered based on initial subsurface sediment concentration results. The intervals that would be triggered at a later date were unknown at the time of sediment core processing. Field duplicates were processed in the same way as the parent sample and were submitted to the laboratory using the sample nomenclature identified in the First Phase FSP (Anchor QEA 2020b). Duplicate samples were analyzed for the full suite of bulk sediment and water analyses listed in the First Phase QAPP (Anchor QEA 2020c).

3.3.2 *Laboratory Quality Assurance/Quality Control*

In accordance with the First Phase QAPP (Anchor QEA 2020c), laboratory QC samples included method blanks, LCSs and ongoing precision and recovery samples, MSs and MSDs (as applicable to the method), surrogate spikes, internal standards, laboratory duplicates, instrument performance checks, and calibration standards. QC analyses results were evaluated during data validation to determine data quality and apply qualifiers as necessary in the case of QC outliers.

3.3.3 *Data Validation*

All data submitted in this report were validated by Laboratory Data Consultants, Inc., of Carlsbad, California, or by Anchor QEA staff in accordance with Section 5.2 of the First Phase QAPP (Anchor QEA 2020c). Stage 4 validations were conducted on one representative data package from each laboratory, except for the geotechnical laboratory, and Stage 2B validations were conducted on the remaining chemistry data. Stage 1 validations were conducted on geotechnical data. Data validation reports are provided in Appendix F. The data validation followed EPA guidelines, as described in the First Phase QAPP (Anchor QEA 2020c) and the National Functional Guidelines for Data Review (EPA 2020b, 2020c, 2020d).

Data validation verified the accuracy and precision of chemical and physical data collected during this investigation. Data qualifiers assigned as a result of the data validation and their definitions are shown on the analytical results tables. Data may have been qualified as biased or estimated for an analysis based on method or technical criteria. Data qualified with a "J" indicates that the associated numerical value is an estimated concentration of the analyte. Data qualified with a "UJ" indicates the estimated RL below which the analyte was not detected. Rejected data are not usable for any purpose. With few exceptions, data were determined to be usable as reported from the laboratory or as qualified during validation. Twenty-one results were rejected during validation due to very low or no recoveries in the surrogate, LCS, or MS/MSD; data completeness was greater than 99%, and the Project Area-specific goals were met. Details of data qualifications and their reasons are discussed in the following sections.

3.3.3.1 **Documentation, Sample Transport, and Holding Times**

Chain-of-custody forms were used to track sample custody and document the handling and integrity of the samples. Samples were either picked up by the laboratories and relinquished under signature by Anchor QEA staff or were shipped to the laboratories. Documented sample custody was maintained throughout collection and analyses. Sample containers were delivered to the analytical laboratories intact and within the required temperature range (0°C to 6°C for chemistry, ambient for physical) as indicated in the sample receipt confirmation reports (included in the laboratory data reports) and associated data validation reports.

Samples were logged in at the laboratories and then placed in refrigerated storage. Samples collected for archival were stored in frozen storage. Some samples were also frozen to extend hold times, as acceptable. The chain-of-custody forms are included in the laboratory data reports (Appendix E).

Samples were appropriately preserved and were prepared and analyzed within method required holding times, with the following exceptions:

- Twenty-five sediment core samples and one riverbank angled boring sample were extracted past the holding time for herbicides analyses due to extraction errors or QC failures in the initial analyses that required samples to be re-extracted past holding time.
- Some PAH results in two sediment core samples were reported from analyses conducted past the holding time due to dilutions required to quantify results within the calibration range.
- One riverbank angled boring sample was analyzed 1 day past the holding time for cyanide analysis.
- One sediment core sample was analyzed 1 day past the holding time for VOC analysis.
- One sediment core rinse blank sample was extracted 2 days past the holding time for pesticides analysis.

Associated sample results were qualified as estimated ("J" or "UJ"-qualifier). Since data are usable as qualified, data quality objectives were not impacted.

3.3.3.2 Data Quality Parameters

Laboratory data quality is assessed on precision, accuracy, representativeness, comparability, sensitivity, and completeness. Applicable quantitative goals for these data quality parameters are listed in First Phase QAPP Table C-8 (Anchor QEA 2020c). These data quality parameters, as well as other parameters reviewed during data validation, are discussed in the following paragraphs. Specific verification/validation assessments and findings for the laboratory reports as well as qualifiers applied to sample results are described in detail in the data validation reports (Appendix F).

3.3.3.2.1 Calibration

Calibration data were provided in the laboratory reports and reviewed during data validation. Calibration acceptance criteria were met by the laboratories, with some exceptions. These exceptions occurred in analyses that report long lists of analytes, and sporadic outliers are acceptable. These included PAHs, semivolatile organic compounds (SVOCs), VOCs, extractable petroleum hydrocarbons, dioxin/furan, herbicides, and pesticides analyses. Data qualifiers were assigned in instances where calibration criteria were not met, indicating results are estimated.

3.3.3.2.2 Precision

Precision is the measure of variability between individual sample measurements of the same property under similar conditions. Precision was measured using field duplicate, laboratory replicate, MSD, and laboratory control sample duplicate (LCSD) analyses. Difference or relative percent difference (RPD) values for parent and duplicate pairs are presented in the associated laboratory data reports and/or data validation reports in Appendix F.

Laboratory duplicates, LCS/LCSDs, and MS/MSDs were analyzed at the required frequency of one per twenty samples analyzed identified in the First Phase QAPP (Anchor QEA 2020c), and precision goals were met for most analyses. Duplicate paired results that were less than five times the RLs were evaluated by the difference between results because RPD values become exaggerated at levels closer to the RL. If the parent or duplicate result was detected and the corresponding parent or duplicate result was not detected, or if both results were below detection, difference values were not evaluated. Laboratory duplicate results that were outside of project-required control limits were qualified "J" or "UJ" to indicate they are estimated. Field duplicates were screened against an RPD value of 50%. Qualification for field duplicates was at the discretion of the validator, and no data were qualified. No data were rejected for duplicate outliers.

3.3.3.3 Accuracy

Accuracy is a measure of the closeness of an individual measurement to the accepted reference or true value. Accuracy was evaluated by the initial calibration verification samples, continuing calibration verification samples, internal standards, surrogate spikes, MS/MSD, LCS/LCSD, and standard reference material percent recoveries. Conformance to laboratory QC sample frequency requirements, as well as acceptability of QC results for accuracy, was evaluated and considered during data validation. Accuracy goals were met with some exceptions. Qualifiers applied to sample results due to accuracy outliers are presented in associated validation reports. Most results that were qualified due to accuracy outliers were qualified as estimated. Fifteen sediment core cyanide results were rejected due to very low recoveries in associated MS/MSD analyses; cis-decalin and trans-decalin results in one field blank and one rinse blank were rejected due to very low recoveries in the associated LCS; the pentachlorophenol result in one sediment core sample was rejected due to no recoveries in the MS and MSD; and the pentachlorophenol result in one riverbank angled boring sample was rejected due to a very low surrogate recovery.

3.3.3.4 Sensitivity

Analytical sensitivities were determined by conducting MDL studies and were tested by the analyses of method blanks and calibration blanks. Matrix interference and detections in method blanks may elevate the established sensitivity of the analysis. Method blank results were below detection with some exceptions. Associated sample results that were not greater than five times the levels detected in the blanks were qualified as non-detects at the RL or the detected concentration, whichever was greater. Target analytes detected in blanks and summaries of subsequent qualifications applied to sample results are presented in the associated validation reports.

3.3.3.5 Completeness

Completeness is a measure of the amount of data determined to be valid in proportion to the amount of data collected. The DQO for completeness for all components of this project was 95%. Data that are qualified as estimated because QC criteria were not met are considered valid for the

purposes of assessing completeness. Rejected results are not considered valid for the purpose of assessing completeness. Completeness was 100% for all matrices and analyses, except for 21 rejected results in the conventional, PAH, and SVOC data sets. Overall completeness was calculated as greater than 99%; completeness goals were met.

3.3.3.6 Representativeness

Representativeness expresses the degree to which data accurately and precisely represent an environmental condition. Sample collection and handling procedures described in the First Phase FSP (Anchor QEA 2020b) were followed to ensure samples represented field conditions, and samples were analyzed to provide a comprehensive assessment of the known and potential contaminants at the Project Area.

3.3.3.7 Comparability

Comparability expresses the confidence with which one dataset can be evaluated in relation to another dataset. For this program, comparability of data was established by using standard analytical methodologies and reporting formats and through common traceable analytical standards.

4 First Phase Chemical and Physical Analytical Test Results

This section provides a narrative and tabulated summary of data⁶ collected during the first phase PDI, as discussed in Section 2. This section provides a summary of the ranges of results for each refinement objective, and more detailed analytical results and statistics are included in the referenced Section 4 tables. No PTW-NAPL was observed in any first phase PDI sediment or riverbank soil samples (surface and subsurface). Consistent with NW Natural's response to EPA General Comment 6 in the Gasco Sediments Site *Revised Pre-Remedial Design Data Gaps Work Plan* (DGWP; see Appendix K-1 of the DGWP [2019a]), any sheen encountered that does not fit the definition of PTW-NAPL identified in Section 3.1.1 of the DGWP will be addressed consistent with the ROD by comparing the bulk sediment concentrations to the ROD Table 21 RALs and PTW-highly toxic thresholds for total PAH.

4.1 Surface Sediment SMA Refinement, Data Density, and Temporal Relevance Within the Project Area

As described in Section 2.1, 54 three-point composite surface sediment grab samples were collected during the PDI to support SMA refinement, to increase surface sediment data density, and to evaluate temporal relevance of previously collected surface sediment data within the Project Area. Each of these surface sediment grab samples was analyzed for the full suite of COCs with ROD Table 21 RALs and PTW-highly toxic thresholds.

In addition to 54 three-point composite surface sediment grab samples, the 0- to 1-foot surface sediment interval collected from 47 sediment cores (see Section 4.2) was analyzed for alkylated PAHs and total petroleum hydrocarbons. Results from these surface sediment samples (101 total samples for TPAH, cPAH, and naphthalene) are summarized in this section. Consistent with NW Natural's understanding of the approach EPA used to develop SMAs for the ROD, the results for both the three-point composite surface samples and the 0- to 1-foot sediment core samples will be used to develop surface sediment-derived SMAs.

This section presents a summary of the surface sediment data quality collected during the PDI. The surface sediment sampling locations are shown in Figure 2-1.

4.1.1 Comparison to Site-Wide RALs and PTW Thresholds

The following is a summary of the site-wide RAL and PTW threshold exceedances in samples collected as part of the investigation. Tables 4-1a and 4-1b present the analytical results for each sample and a summary of RAL and PTW threshold exceedances, respectively.

⁶ All data management and summing were performed consistent with the 2021 Program Data Management Plan (EPA 2021b).

Conventionals: Grain size analysis performed on 5 surface sediment samples located within the Project Area contained an average of 1.5% gravel, 14% sand, and 85.7% fines. TOC content ranged from 1.1% to 4.3% across 53 samples with an average of 2.65% and median of 2.6%. TS ranged from 32.9% to 62.5% across 75 samples with an average of 44.6% and median of 43.7%.

Total PAHs: 17 of 101 detected results exceeded the site-wide RAL (30,000 micrograms per kilogram [$\mu\text{g}/\text{kg}$]). Total PAH results ranged from 720 to 530,000 $\mu\text{g}/\text{kg}$ with an average of 20,800 $\mu\text{g}/\text{kg}$ and median of 5,040 $\mu\text{g}/\text{kg}$.

Total carcinogenic PAH (cPAH)/benzo(a)pyrene equivalent (BaPEq): None of the 101 detected results exceeded the cPAH/BaPEq toxic equivalence quotient PTW-highly toxic threshold concentration (774,000 $\mu\text{g}/\text{kg}$). The average total cPAH/BaPEq concentration is 2,060 $\mu\text{g}/\text{kg}$, with a median concentration of 585 $\mu\text{g}/\text{kg}$ with individual concentrations ranging from 86 to 47,200 $\mu\text{g}/\text{kg}$.

Pesticides: 1 of the 27 detected results for the total sum of dichlorodiphenyldichloroethane (DDD), total sum of dichlorodiphenyldichloroethylene (DDE), dichlorodiphenyltrichloroethane (DDT) (DDx) exceeded the site-wide RAL (160 $\mu\text{g}/\text{kg}$). Total DDx results ranged from 14.9 to 303 $\mu\text{g}/\text{kg}$ with an average 33.5 $\mu\text{g}/\text{kg}$ and median of 20.7 $\mu\text{g}/\text{kg}$.

Dioxin/Furans⁷:

- 1 of the 26 detected 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) results exceeded the site-wide RAL (0.0006 $\mu\text{g}/\text{kg}$). TCDD results ranged from 0.0000456 to 0.00135 $\mu\text{g}/\text{kg}$ with an average of 0.000267 $\mu\text{g}/\text{kg}$ and median of 0.000191 $\mu\text{g}/\text{kg}$.
- 6 of the 33 detected 1,2,3,7,8-pentachlorodibenzo-p-dioxin (PeCDD) results exceeded the site-wide RAL (0.0008 $\mu\text{g}/\text{kg}$). PeCDD results ranged from 0.000135 to 0.0071 $\mu\text{g}/\text{kg}$ with an average of 0.000748 $\mu\text{g}/\text{kg}$ and median of 0.000524 $\mu\text{g}/\text{kg}$.
- None of the 50 detected 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) results exceeded the site-wide RAL (0.2 $\mu\text{g}/\text{kg}$) or the PTW-highly toxic threshold concentration (0.2 $\mu\text{g}/\text{kg}$). PeCDF results ranged from 0.00021 to 0.0286 $\mu\text{g}/\text{kg}$ with an average of 0.00546 $\mu\text{g}/\text{kg}$ and median of 0.00282 $\mu\text{g}/\text{kg}$.
- None of the 50 detected 2,3,7,8-tetrachlorodibenzofuran (TCDF) exceeded the PTW-highly toxic threshold concentration (0.6 $\mu\text{g}/\text{kg}$). TCDF results ranged from 0.000289 to 0.0375 $\mu\text{g}/\text{kg}$ with an average of 0.00637 $\mu\text{g}/\text{kg}$ and median of 0.00372 $\mu\text{g}/\text{kg}$.
- None of the 53 detected 1,2,3,4,7,8-hexachlorodibenzofuran (HxCDF) results exceeded the PTW-highly toxic threshold concentration (0.4 $\mu\text{g}/\text{kg}$). HxCDF results ranged from 0.000191 to 0.092 $\mu\text{g}/\text{kg}$ with an average of 0.016 $\mu\text{g}/\text{kg}$ and median of 0.00803 $\mu\text{g}/\text{kg}$.

⁷ As communicated in EPA's email dated October 28, 2022 (EPA 2022c), the remediation thresholds for TCDD and PeCDD are 0.001 and 0.0025 $\mu\text{g}/\text{kg}$, respectively. It is NW Natural's understanding that these remediation thresholds will be used in the BODR to fully delineate SMAs and identify DOC.

Total PCB Congeners: 1 of the 52 detected results exceeded the total PCB congener site-wide RAL (75 µg/kg) and the PTW-highly toxic threshold concentration (200 µg/kg). Total PCB congeners results ranged from 0.665 to 230 µg/kg with an average of 14.5 µg/kg and median of 8.25 µg/kg. One sample (USMPDI-017) was mistakenly submitted for PCB Aroclor analyses. Consistent with EPA's *Remedial Design Guidelines and Considerations* (EPA 2021a), these PCB Aroclors data are usable because they achieve data quality objectives, and the reporting limit is less than 9 µg/kg.

Naphthalene: None of the 94 detected results exceeded the PTW-NRC threshold concentration of 140,000 µg/kg. Naphthalene results ranged from 8.6 to 4,370 µg/kg with an average of 228 µg/kg and median of 60.6 µg/kg.

4.1.2 Comparison to Navigation Channel RALs and PTW Thresholds

The following is a summary of the ROD RAL and PTW threshold exceedances in samples collected as part of the investigation within the navigation channel. Tables 4-2a and 4-2b present the analytical results for each sample and a summary of RAL and PTW threshold exceedances, respectively.

Conventionals: TOC content ranged from 2.7% to 2.8% across 2 samples with an average and median of 2.75%. TS ranged from 35.2% to 38.2% across 2 samples with an average and median of 36.7%.

Total PAHs: None of 4 detected results exceeded the navigation channel RAL (170,000 µg/kg). Total PAH results ranged from 4,300 to 25,000 µg/kg with an average of 15,100 µg/kg and median of 15,700 µg/kg.

Total cPAH/BaPEq: None of the 4 detected results exceeded the cPAH/BaPEq toxic equivalence quotient PTW-highly toxic threshold concentration (774,000 µg/kg). The average total cPAH/BaPEq concentration is 1,890 µg/kg with a median of 1,840 µg/kg with individual concentrations ranging from 534 to 3,300 µg/kg.

Pesticides: None of the detected results for the total sum of DDx exceeded the navigation channel RAL (7,050 µg/kg) or the PTW-highly toxic threshold concentration (650 µg/kg). Total DDD results ranged from 10.8 to 11.9 µg/kg with an average 11.3 µg/kg and median of 11.3 µg/kg. The only total DDE result was 12.9 µg/kg. No total DDT results were detected. Total DDx results ranged from 25.2 to 29.2 µg/kg with an average 27.2 µg/kg and median of 27.2 µg/kg.

Dioxin/Furans:

- None of the 2 detected TCDD, PeCDD, PeCDF, TCDF, and HxCDF results exceeded the navigation channel RALs and PTW-highly toxic thresholds.
- TCDD results ranged from 0.000311 to 0.000312 µg/kg with an average of 0.000311 µg/kg and median of 0.000312 µg/kg.

- PeCDD results ranged from 0.000605 to 0.000735 µg/kg with an average of 0.00067 µg/kg and median of 0.00067 µg/kg.
- PeCDF results ranged from 0.00493 to 0.00635 µg/kg with an average of 0.00564 µg/kg and median of 0.00564 µg/kg.
- TCDF results ranged from 0.00876 to 0.00959 µg/kg with an average of 0.00917 µg/kg and median of 0.00917 µg/kg.
- HxCDF results ranged from 0.0141 to 0.0212 µg/kg with an average of 0.0176 µg/kg and median of 0.0177 µg/kg.

Total PCB Congeners: None of 2 detected results exceeded the total PCB navigation channel RAL (1,000 µg/kg) or the PTW-highly toxic threshold concentration (200 µg/kg). Results ranged from 5.3 to 12 µg/kg with an average of 8.65 µg/kg and median of 8.8 µg/kg.

Naphthalene: None of the 4 detected results exceeded the PTW-NRC threshold concentration of 140,000 µg/kg. Naphthalene results ranged from 47.4 to 698 µg/kg with an average of 263 µg/kg and median of 153 µg/kg.

4.1.3 *Temporal Relevance*

Review of the first phase PDI results did not identify any surface sediment samples within the Project Area that are proposed for replacement due to temporal relevance.

4.2 **Subsurface Sediment Investigation**

As described in Section 2.2, 56 subsurface sediment cores were collected during the first phase PDI to support the determination of DOC and to support capping demonstrations, including any necessary chemical stability evaluations to support buried contamination determinations.⁸ Each of these subsurface sediment samples was analyzed for the full suite of COCs with ROD Table 21 RALs and PTW thresholds. This section presents a summary of the subsurface sediment data collected during the PDI.

4.2.1 *Comparison to Site-Wide RALs and PTW Thresholds*

The following is a summary of the site-wide RAL and PTW threshold exceedances in samples collected as part of the investigation. Tables 4-3a and 4-3b present the analytical results for each sample and a summary of RAL and PTW threshold exceedances, respectively.

Conventionals: Grain size analysis performed on 52 samples contained an average of 5% gravel, 31.6% sand, and 85.7% fines. TOC content ranged from 0.026% to 21% across 410 samples with an

⁸ While not explicitly stated in the PDIWP (Anchor QEA 2020a), these first phase subsurface cores can also be used to achieve the buried contamination SMA Refinement Objective in accordance with EPA's Buried Contamination Guidance (EPA 2022a). See Section 5.1.2 for additional information.

average of 1.7% and median of 1.9%. TS ranged from 40.4% to 90.5% across 549 samples with an average of 64.1% and median 60.1%.

Total PAHs: 145 of the 442 detected total PAH results exceeded the site-wide RAL (30,000 µg/kg). Total PAH results ranged from 20 to 1,330,000 µg/kg with an average of 50,900 µg/kg and median of 13,700 µg/kg.

Total cPAH/BaPEq: None of the 409 detected total cPAH results exceeded the PTW-highly toxic threshold concentration (774,000 µg/kg). The average total cPAH concentration is 4,490 µg/kg with a median of 1,410 µg/kg with individual concentrations ranging from 2.6 to 115,000 µg/kg.

Pesticides: 50 of the 244 detected total DDx results exceeded the site-wide RAL (160 µg/kg), and none exceeded the PTW-highly toxic threshold concentration (7,050 µg/kg). Total DDx results ranged from 6.85 to 2,310 µg/kg with an average of 133 µg/kg and median of 45.4 µg/kg.

Dioxin/Furans⁹:

- 39 of the 118 detected TCDD results exceeded the site-wide RAL (0.0006 µg/kg), and none exceeded the PTW-highly toxic threshold concentration (0.01 µg/kg). TCDD results ranged from 0.00003 to 0.0065 µg/kg with an average of 0.000545 µg/kg and median of 0.000356 µg/kg.
- 58 of the 116 detected PeCDD results exceeded the site-wide RAL (0.0008 µg/kg), and none exceeded the PTW-highly toxic threshold concentration (0.01 µg/kg). PeCDD results ranged from 0.0000217 to 0.00849 µg/kg with an average of 0.00106 µg/kg and median of 0.00078 µg/kg.
- None of the 158 detected PeCDF results exceeded the site-wide RALs (0.02 µg/kg) or the PTW threshold (0.02 µg/kg). PeCDF results ranged from 0.0000304 to 0.152 µg/kg with an average of 0.0148 µg/kg and median of 0.00613 µg/kg.
- None of the 155 detected TCDF exceeded the PTW threshold (0.6 µg/kg). TCDF results ranged from 0.0000476 to 0.18 µg/kg with an average of 0.0167 µg/kg and median of 0.00611 µg/kg.
- 3 of the 167 detected HxCDF results exceeded the PTW threshold (0.4 µg/kg). HxCDF results ranged from 0.0000325 to 0.484 µg/kg with an average of 0.047 µg/kg and median of 0.0122 µg/kg.

Total PCB Aroclors: 90 of the 251 detected total PCB Aroclors results exceeded the site-wide RAL (75 µg/kg), and 5 of the 251 detected results exceeded the PTW threshold (200 µg/kg). Results ranged from 21.1 to 241 µg/kg with an average of 72.8 µg/kg and median of 57.4 µg/kg.

⁹ As communicated in EPA's email dated October 28, 2022 (EPA 2022c), the remediation thresholds for TCDD and PeCDD are 0.001 and 0.0025 µg/kg, respectively. It is NW Natural's understanding that these remediation thresholds will be used in the BODR to fully delineate SMAs and identify DOC. These revised thresholds are not used for the comparison to site-wide RALs in this Combined DSR-PDIWP, and NW Natural has confirmed that application of these revised thresholds does not affect the scope of the second phase PDI discussed in Section 5.

Naphthalene: None of the 345 detected naphthalene results exceeded the PTW-NRC threshold concentration (140,000 µg/kg). Naphthalene results ranged from 0.959 to 28,800 µg/kg with an average of 981 µg/kg and median of 243 µg/kg. 145 of the 442 detected total PAH results exceeded the site-wide RAL (30,000 µg/kg).

Chlorobenzene: Chlorobenzene was not detected in any of 347 samples.

4.2.2 Comparison to Navigation Channel RALs and PTW Thresholds

The following is a summary of the navigation channel RAL and PTW threshold exceedances in samples collected as part of the investigation. Tables 4-4a and 4-4b present the analytical results for each sample and a summary of navigation channel RAL and PTW threshold exceedances, respectively.

Conventionals: TOC content ranged from 0.025% to 2.1% across 19 samples with an average of 0.439% and median of 0.055%. TS ranged from 50.9% to 90.8% across 21 samples with an average of 78.6% and median of 82.7%.

Total PAHs: None of the 19 detected total PAH results exceeded the navigation channel RAL (170,000 µg/kg). Total PAH results ranged from 30.9 to 50,000 µg/kg with an average of 4,310 µg/kg and median of 178 µg/kg.

Total cPAH/BaPEq: None of the 6 detected total cPAH results exceeded the PTW threshold (774,000 µg/kg). The average total cPAH/BaPEq concentration is 1,510 µg/kg with a median of 98.1 µg/kg with individual concentrations ranging from 4.08 to 5,550 µg/kg.

Pesticides: None of the 19 detected total DDx results exceed the navigation channel RALs (650 µg/kg) or PTW threshold (7,050 µg/kg). Total DDx results ranged from 18 to 58.1 µg/kg with an average of 38 µg/kg and median of 38 µg/kg.

Dioxin/Furans:

- None of the 3 detected TCDD results exceeded the navigation channel RALs (0.002 µg/kg), and none exceeded the PTW threshold (0.01 µg/kg). TCDD results ranged from 0.000169 to 0.000321 µg/kg with an average of 0.000263 µg/kg and median of 0.000304 µg/kg.
- None of the 3 detected PeCDD results exceeded the navigation channel RAL (0.003 µg/kg), and none exceeded the PTW threshold (0.01 µg/kg). PeCDD results ranged from 0.000183 to 0.000556 µg/kg with an average of 0.000405 µg/kg and median of 0.000475 µg/kg.
- None of the 4 detected PeCDF results exceeded the navigational channel RAL (0.2 µg/kg) or the PTW threshold (1 µg/kg). PeCDF results ranged from 0.0000717 to 0.0189 µg/kg with an average of 0.00601 µg/kg and median of 0.00253 µg/kg.

- None of the 5 detected TCDF exceeded the PTW threshold (0.6 µg/kg). TCDF results ranged from 0.0000923 to 0.156 µg/kg with an average of 0.0467 µg/kg and median of 0.000308 µg/kg.
- None of the 5 detected HxCDF results exceeded the PTW threshold (0.4 µg/kg). HxCDF results ranged from 0.000104 to 0.0531 µg/kg with an average of 0.0129 µg/kg and median of 0.000545 µg/kg.

Total PCB Aroclors: None of the 2 detected total PCB Aroclors results exceeded the navigation channel RAL (1,000 µg/kg) or PTW threshold (200 µg/kg). Results ranged from 30.8 to 47.6 µg/kg with an average of 39.2 µg/kg and median of 39.2 µg/kg.

Naphthalene: None of the 10 detected naphthalene results exceeded the PTW-NRC threshold concentration (140,000 µg/kg). Naphthalene results ranged from 3.04 to 782 µg/kg with an average of 152 µg/kg and median of 11.7 µg/kg.

Chlorobenzene: Chlorobenzene was not detected in any of 13 samples.

4.3 Riverbank Surface Soil Investigation

As described in Section 2.3.1, two surface soil samples were collected during the first phase PDI to support the determination of erodible riverbank soil. Each of these surface soil samples was analyzed for the full suite of COCs with ROD Table 21 RALs and PTW thresholds and COCs with a ROD Table 17 groundwater or riverbank soil/sediment CUL.

This section presents a summary of the surface soil data collected during the PDI. The riverbank surface soil sampling locations are shown in Figure 2-3.

4.3.1 Comparison to Site-Wide RALs and PTW Thresholds

The following is a summary of the site-wide RAL and PTW threshold exceedances in samples collected as part of the investigation. Tables 4-5a and 4-5b present the analytical results for each sample and a summary of RAL and PTW threshold exceedances, respectively.

Conventionals: TOC ranged from 0.56 to 0.81% across two samples with an average and median of 0.685%. TS ranged from 77.2 to 87.7% across four samples with an average of 82.4% and median of 82.5%.

Total PAH: None of the 2 detected total PAH results exceed the site-wide RAL (30,000 µg/kg). Total PAH results ranged from 1,500 to 2,800 µg/kg with an average of 2,150 µg/kg and median of 2,130 µg/kg.

Total cPAH/BaPEq: None of the 2 detected total cPAH results exceeded the PTW threshold (774,000 µg/kg). The average total cPAH/BaPEq concentration is 283 µg/kg with a median of 281 µg/kg with individual concentrations ranging from 186 to 380 µg/kg.

Pesticides: None of the 2 detected total DDx results exceed the site-wide RAL (160 µg/kg). Total DDx results ranged from 2.8 to 3.8 µg/kg with an average of 3.3 µg/kg and median of 3.3 µg/kg.

Dioxin/Furans:

- No results were detected for TCDD.
- None of the 2 detected PeCDD results exceeded the site-wide RAL (0.0008 µg/kg) or PTW threshold (0.01 µg/kg). PeCDD results ranged from 0.000328 to 0.000789 µg/kg with an average of 0.000559 µg/kg and median of 0.000559 µg/kg.
- None of the 2 detected TCDF results exceeded the PTW threshold (0.6 µg/kg). TCDF results ranged from 0.000237 to 0.000867 µg/kg with an average of 0.000552 µg/kg and median of 0.000552 µg/kg.
- None of the detected PeCDF results exceeded the site-wide RAL (0.2 µg/kg) or PTW threshold (0.2 µg/kg). PeCDF results ranged from 0.000631 to 0.00215 µg/kg with an average of 0.00139 µg/kg and median of 0.00139 µg/kg.
- None of the HxCDF results exceeded the PTW threshold (0.4 µg/kg). HxCDF results ranged from 0.00041 to 0.00477 µg/kg with an average of 0.00259 µg/kg and median of 0.00259 µg/kg.

Total PCB Congener: Neither of the 2 detected total PCB congeners results exceeded the site-wide RAL (200 µg/kg) or PTW threshold (75 µg/kg). Results ranged from 4.1 to 4.3 µg/kg with an average of 4.2 µg/kg and median of 4.22 µg/kg.

Naphthalene: Neither of the 2 detected naphthalene results exceed the PTW-NRC threshold concentration (140,000 µg/kg). Naphthalene results ranged from 17.3 to 20.5 µg/kg with an average of 18.9 µg/kg and median of 18.9 µg/kg.

Chlorobenzene: Neither of the 2 chlorobenzene results were detected.

4.3.2 Comparison to Riverbank Soil/Sediment Cleanup Levels

The following is a summary of the riverbank soil/sediment CUL exceedances in riverbank soil samples collected as part of the investigation. Tables 4-5a and 4-5b present the analytical results for each sample and a summary of CUL exceedances, respectively.

Metals:

- 2 of the 2 detected arsenic results exceeded the CUL (3 milligrams per kilogram [mg/kg]). Arsenic results ranged from 3.98 to 4.15 mg/kg with an average of 4.07 mg/kg and median of 4.07 mg/kg.
- The 1 detected cadmium result did not exceed the CUL (0.51 mg/kg). The detected cadmium result was equal to 0.221 mg/kg.
- The 1 detected mercury result did not exceed the CUL (0.085 mg/kg). The detected mercury result was equal to 0.0654 mg/kg.
- Neither of the 2 detected copper results exceeded the CUL (359 mg/kg). Copper results ranged from 28.4 to 41.2 mg/kg with an average of 41.2 mg/kg and median of 41.2 mg/kg.
- Neither of the 2 detected zinc results exceeded the CUL (459 mg/kg). The zinc results ranged from 56.6 to 108 mg/kg with an average of 82.3 mg/kg and median of 82.3 mg/kg.
- 1 of the 2 detected lead results exceeded the CUL (196 mg/kg). Lead results ranged from 26.5 to 3331 mg/kg with an average of 179 mg/kg and median of 179 mg/kg.

Total PAHs: Neither of the 2 detected total PAH results exceeded the CUL (23,000 µg/kg). Total PAH results ranged from 1,500 to 2,800 µg/kg with an average of 2,150 µg/kg and median of 2,130 µg/kg.

Total cPAH/BaPEq: Neither of the 2 detected total cPAH results exceeded the CUL (774 µg/kg). The average total cPAH/BaPEq concentration is 283 µg/kg with a median of 281 µg/kg with individual concentrations ranging from 186 to 380 µg/kg.

Pesticides:

- Neither of the 2 detected sum DDD results exceeded the CUL (114 µg/kg). Sum DDD results ranged from 0.148 to 0.9 µg/kg with an average of 0.524 µg/kg and median of 0.522 µg/kg.
- Neither of the 2 detected sum DDE results exceeded the CUL (50 µg/kg). Sum DDE results ranged from 0.218 to 0.377 µg/kg with an average and median of 0.297 µg/kg.
- Neither of the 2 detected sum DDT results exceeded the CUL (246 µg/kg). Sum DDT results ranged from 2.3 to 2.7 µg/kg with an average of 2.5 µg/kg and median of 2.5 µg/kg.
- Neither of the 2 detected total chlordane results exceeded the CUL (1.4 µg/kg). Total chlordane results ranged from 0.0363 to 0.561 µg/kg with an average of 0.29 µg/kg and median of 0.29 µg/kg.
- Neither of the 2 detected total DDX results exceeded the CUL (6.1 µg/kg). Total DDX results ranged from 2.8 to 3.8 µg/kg with an average of 3.3 µg/kg and median of 3.3 µg/kg.
- The 1 detected aldrin result did not exceed the CUL (2 µg/kg). The detected aldrin result was equal to 0.0215 µg/kg.
- The 1 detected BHC result did not exceed the CUL (5 µg/kg). The detected BHC result was equal to 0.00288 µg/kg.

- 1 of the 2 detected dieldrin results exceeded the CUL (0.07 µg/kg). Dieldrin results ranged from 0.0297 to 0.132 µg/kg with an average of 0.808 µg/kg and median 0.0809 µg/kg.

Dioxin/Furans:

- No results were detected for TCDD.
- 2 of the 2 detected PeCDD results exceeded the CUL (0.0002 µg/kg). PeCDD results ranged from 0.000328 to 0.000789 µg/kg with an average of 0.000559 µg/kg and median of 0.000559 µg/kg.
- 1 of the 2 detected TCDF results exceeded the CUL (0.00040658 µg/kg). TCDF results ranged from 0.000237 to 0.000867 µg/kg with an average of 0.000552 µg/kg and median of 0.000552 µg/kg.
- 2 of the 2 detected PeCDF results exceeded the CUL (0.0003 µg/kg). PeCDF results range from 0.000631 to 0.00215 µg/kg with an average of 0.00139 µg/kg and median of 0.00139 µg/kg.
- 2 of the 2 detected HxCDF results exceeded the CUL (0.0004 µg/kg). HxCDF results ranged from 0.00041 to 0.00477 µg/kg with an average of 0.00259 µg/kg and median of 0.00259 µg/kg.
- Neither of the 2 detected total dioxin/furan TEQ 2005 (mammal) results exceeded the CUL (0.01 µg/kg). Total dioxin/furan TEQ 2005 (mammal) results ranged from 0.0014 to 0.00506 µg/kg with an average of 0.00323 µg/kg and median of 0.00323 µg/kg.

Total PCB Congener: Neither of the 2 detected total PCB congeners results exceeded the CUL (9 µg/kg). Results ranged from 4.1 to 4.3 µg/kg with an average of 4.2 µg/kg and median of 4.22 µg/kg.

Total Petroleum Hydrocarbons: Neither of the 2 detected diesel range hydrocarbons exceeded the CUL (91 mg/kg). Results ranged from 7.56 to 8.31 mg/kg with an average and median of 7.94 mg/kg.

4.4 Riverbank Angled Boring Subsurface Soil Investigation

As described in Section 2.3.2, 11 subsurface soil samples were collected during the first phase PDI to support the characterization of the wedge of soil between the top of the riverbank and the sediments at the toe of the riverbank slope. Each of these riverbank angled boring samples was analyzed for the full suite of COCs with ROD Table 21 RALs and PTW thresholds and COCs with a ROD Table 17 groundwater or riverbank soil/sediment CUL.

This section presents a summary of the subsurface soil data collected during the PDI. The riverbank subsurface soil sampling locations are shown in Figure 2-3.

4.4.1 Comparison to Site-Wide RALs and PTW Thresholds

The following is a summary of the site-wide RAL and PTW threshold exceedances in samples collected as part of the investigation. Tables 4-6a and 4-6b present the analytical results for each sample and a summary of RAL and PTW threshold exceedances, respectively.

Conventionals: Grain size performed on 6 riverbank soil/sediment samples contained an average of 1.96% gravel, 53.3% sand, and 45% fines. TOC content ranged from 0.06% to 2.9% with an average of 0.737% and median of 0.54%. TS ranged from 64.2% to 90.1% across 33 samples, with an average of 78.9% and median of 80%.

Total PAHs: None of the 33 detected total PAH results exceeded the site-wide RAL (30,000 µg/kg). Total PAH results ranged from 15 to 24,000 µg/kg with an average of 5,010 µg/kg and median of 3,900 µg/kg.

Total cPAH/BaPEq: None of the 33 detected total cPAH results exceeded the PTW threshold (774,000 µg/kg). The average total cPAH/BaPEq concentration is 715 µg/kg with a median of 581 µg/kg with individual concentrations ranging from 1.6 to 2,900 µg/kg.

Pesticides: None of the 31 detected total DDX results exceeded the PTW threshold (7050 µg/kg) and site-wide RAL (160 µg/kg). Total DDX results ranged from 0.00836 to 35 µg/kg with an average of 4.58 µg/kg and median of 2.35 µg/kg.

Dioxin/Furans:

- None of the 7 detected TCDD results exceeded the PTW threshold (0.01 µg/kg) or site-wide RAL (0.0006 µg/kg). TCDD results ranged from 0.000058 to 0.000235 µg/kg with an average of 0.000147 µg/kg and median of 0.000131 µg/kg.
- None of the 15 detected PeCDD results exceeded the PTW threshold (0.01 µg/kg) or site-wide RAL (0.0008 µg/kg). PeCDD results ranged from 0.0000782 to 0.000558 µg/kg with an average of 0.000201 µg/kg and median of 0.000172 µg/kg.
- None of the 16 detected TCDF results exceeded the PTW threshold (0.6 µg/kg). TCDF results ranged from 0.000139 to 0.0144 µg/kg with an average of 0.00116 µg/kg and median of 0.000245 µg/kg.
- None of the 22 detected PeCDF results exceeded the PTW threshold (0.2 µg/kg) or site-wide RAL (0.2 µg/kg). PeCDF results ranged from 0.000102 to 0.00857 µg/kg with an average of 0.00108 µg/kg and median of 0.000742 µg/kg.
- None of the 19 detected HxCDF results exceeded the PTW threshold (0.4 µg/kg). HxCDF results ranged from 0.00998 to 0.000102 µg/kg with an average of 0.00126 µg/kg and median of 0.00061 µg/kg.

Total PCB Aroclors: None of the 17 detected total PCB Aroclors exceeded the PTW threshold (200 µg/kg) or site-wide RAL (75 µg/kg). Total PCB Aroclors ranged from 7.57 to 20.5 µg/kg with an average of 11.2 µg/kg and median of 10.1 µg/kg.

Naphthalene: None of the 31 detected naphthalene results exceeded the PTW-NRC threshold concentration (140,000 µg/kg). Naphthalene results ranged from 0.54 to 697 µg/kg with an average of 70.4 µg/kg and median of 33.5 µg/kg.

Chlorobenzene: Chlorobenzene was not detected in any of the 33 samples.

4.4.2 *Comparison to Riverbank Soil/Sediment Cleanup Levels*

The following is a summary of the CUL exceedances in riverbank angled boring samples collected as part of the investigation. Tables 4-6a and 4-6b present the analytical results for each sample and a summary of CUL exceedances, respectively. Except for one interval (20 to 32.1 feet below ground surface at USMPDI-068), all sampled angled riverbank location depth intervals had at least one detected CUL exceedance.

Metals:

- 29 of 33 detected arsenic results exceeded the CUL (3 mg/kg). Arsenic results ranged from 2.52 to 8.23 µg/kg with an average of 4.24 µg/kg and median of 3.75 µg/kg.
- 5 of 17 detected cadmium results exceeded the CUL (0.51 mg/kg). Cadmium results ranged from 0.132 to 1.77 µg/kg with an average of 0.438 µg/kg and median of 0.196 µg/kg.
- 4 of 33 detected lead results exceeded the CUL (196 mg/kg). Lead results ranged from 6.29 to 7,120 µg/kg with an average of 316 µg/kg and median of 21.8 µg/kg.
- 7 of 14 detected mercury results exceeded the CUL (0.085 mg/kg). Mercury results ranged from 0.057 to 0.502 µg/kg with an average of 0.122 µg/kg and median of 0.0853 µg/kg.
- 3 of 33 detected zinc results exceeded the CUL (459 mg/kg). Zinc results ranged from 50.9 to 1,560 µg/kg with an average of 150 µg/kg and median of 71.1 µg/kg.

Total PAHs: 1 of 33 detected results exceeded the total PAH CUL (23,000 µg/kg). Total PAH CUL results ranged from 15 to 24,000 µg/kg with an average of 5,010 µg/kg and median of 3,900 µg/kg.

Total cPAH/BaPEq: 12 of 33 detected results exceeded the CUL (774 µg/kg). The average total cPAH/BaPEq concentration is 715 µg/kg with a median of 581 µg/kg with individual concentrations ranging from 1.6 to 2,900 µg/kg.

Dioxin/Furans:

- 2 of 7 detected TCDD results exceeded the CUL (0.0002 µg/kg). TCDD results ranged from 0.000058 to 0.000235 µg/kg with an average of 0.000147 µg/kg and median of 0.000131 µg/kg.

- 6 of 15 detected PeCDD results exceeded the CUL (0.0002 µg/kg). PeCDD results ranged from 0.0000782 to 0.000558 µg/kg with an average of 0.000201 µg/kg and median of 0.000172 µg/kg.
- 4 of 16 detected TCDF results exceeded the CUL (0.00040658 µg/kg). TCDF results ranged from 0.000139 to 0.0144 µg/kg with an average of 0.00116 µg/kg and median of 0.000245 µg/kg.
- 17 of 22 detected PeCDF results exceeded the CUL (0.0003 µg/kg). PeCDF results ranged from 0.000102 to 0.00857 µg/kg with an average of 0.00108 µg/kg and median of 0.000742 µg/kg.
- 13 of 19 detected HxCDF results exceeded the CUL (0.0004 µg/kg). HxCDF results ranged from 0.000102 to 0.00998 µg/kg with an average of 0.00126 µg/kg and median of 0.00061 µg/kg.
- None of 33 detected total dioxins/furans exceeded the TEQ 2005 (mammal) CUL. Total dioxins/furans results ranged from 0.0000976 to 0.0081 µg/kg with an average of 0.00115 µg/kg and median of 0.000666 µg/kg.

Total PCB Aroclors: 10 of 17 detected results exceeded the CUL for PCB Aroclors (9 µg/kg). Results ranged from 7.57 to 20.5 µg/kg with an average of 11.2 µg/kg and median of 10.1 µg/kg.

Pesticides: 2 of 23 detected dieldrin results exceeded the CUL (0.07 µg/kg). 5 of 31 detected total DDx results exceed the CUL (6.1 µg/kg). Dieldrin results ranged from 0.0025 to 0.225 µg/kg with an average of 0.0422 µg/kg and median of 0.0231 µg/kg. Total DDx results range from 0.00836 to 35 µg/kg with an average of 4.58 µg/kg and median of 2.35 µg/kg.

Total Petroleum Hydrocarbons: 5 of 27 detected diesel range hydrocarbons results exceeded the CUL (91 mg/kg). Diesel range hydrocarbons results ranged from 5.68 to 3,460 µg/kg with an average of 193 µg/kg and median of 48.9 µg/kg.

There were no other CUL exceedances in the riverbank angled boring samples.

5 Second Phase Pre-Design Investigation Work Plan

This section summarizes the proposed scope of work for the second phase PDI to fill data gaps to achieve the SMA Refinement, CSM Refinement, and Remedial Technology Refinement Objectives based on the first phase PDI results presented in Sections 1 through 4.

5.1 SMA Refinement Objective

The first phase PDI included 56 surface sediment sampling locations for SMA delineation. This section discusses the collected data and evaluates the need for additional data gaps associated with the SMA Refinement Objective.

5.1.1 Surface Sediment Sampling and Analysis

As discussed in Section 1.2 of the PDIWP (Anchor QEA 2020a), a primary objective of the first phase PDI was to collect additional surface sediment data in the Project Area to further refine the post-ROD SMAs (described in Section 3.2 of the PDIWP) using ROD-identified RAL and PTW lines of evidence (described in Section 3.1 of the PDIWP). The high-density sampling program performed during the first phase PDI achieved the surface sediment SMA Refinement Objective within the Project Area. However, RAL and PTW threshold exceedances were measured in surface sediment samples at five locations (USMPDI-001, USMPDI-023, USMPDI-027, USMPDI-039, and USMPDI-045) adjacent to the navigation channel boundary. To laterally bound the surface sediment SMAs, NW Natural proposes the collection of five channelward three-point composite surface sediment samples within the B1 Navigation Channel Project Area, immediately adjacent to the US Moorings Project Area. The sampling locations are shown in Figure 5-1. Each of these surface sediment samples will be analyzed for the full suite of COCs with ROD Table 21 RALs and PTW thresholds.

In addition to the five channelward locations, NW Natural proposes the collection of one additional three-point composite surface sediment sample (for a total of six surface sediment sample locations) to laterally bound the downriver extents of RAL and PTW-highly toxic threshold exceedances near location PDI-171 within the Gasco Sediments Site Project Area (see Figure 5-1¹⁰). For the purposes of the Gasco Sediments Site *Combined Sediment Remedy Basis of Design and Preliminary Design Report* (Combined BOD-PDR; Anchor QEA 2021), the downriver boundary of the Gasco Sediments Site Project Area was administratively established as 75 feet downriver of PDI-171. This additional surface sediment sample will enable empirical determination of the downriver

¹⁰ The Section 5 figures show SMAs that were developed using surface sediment data consistent with the ROD-identified methods using the post-ROD data set identified in the PDIWP (Anchor QEA 2020a) and first phase PDI results. Following the second phase PDI, the SMAs will be revised to include subsurface sediment data, as necessary, as discussed in Section 5.1.2. Therefore, the SMAs shown on these figures are being used for informational purposes to inform the second phase PDIWP.

boundary of the Gasco Sediments Site Project Area, consistent with NW Natural's commitment in Section 4.1.1 of the Combined BOD-PDR, which states:

"This boundary also represents the edge of two other adjacent project areas; therefore, any sediment exceedances that may exist further downriver than this estimated downriver Final Project Area extent will either be addressed separately by NW Natural as part of the B1 Navigation Channel Project Area pursuant to the AOC (CERCLA Docket No. 10-2009-0255) and the *Remedial Design Statement of Work, Portland Harbor Superfund Site, B1 Navigation Channel Project Area* (EPA 2020c) or the U.S. Moorings Project Area pursuant to the AOC (CERCLA Docket No. 10-2009-0255) and the *Remedial Design Statement of Work, Portland Harbor Superfund Site, U.S. Moorings Project Area* (EPA 2020d)."

The surface sediment sampling and logging procedures will be performed consistent with those identified in Sections 3.3.2 and 3.3.3 of the *Second Phase Pre-Design Investigation Field Sampling Plan* (Second Phase PDI FSP; Appendix G). Samples will be analyzed for the full list of COCs with ROD Table 21 RALs and PTW thresholds parameters identified in Table G5-1 of the Second Phase PDI FSP (Appendix G). The need for additional step-out samples farther out in the navigation channel will be evaluated following receipt of data from the second phase PDI.

All surface sediment sampling work will be completed in accordance with the EPA-approved version of this Combined DSR-PDIWP and associated Second Phase PDI FSP (Appendix G), *Second Phase Pre-Design Investigation Quality Assurance Project Plan* (Second Phase PDI QAPP; Appendix H), and *Revised Final Emergency Response and Health and Safety Plan* (ERHASP; Anchor QEA 2020d).

5.1.2 Buried Contamination Evaluations

Section 3.5 of the PDIWP (Anchor QEA 2020a) focuses on surface sediment samples to refine SMAs. However, since the PDI work was initially completed, EPA released a document titled *Buried Contamination Guidelines for Portland Harbor Site* (Buried Contamination Guidance; EPA 2022a) on January 18, 2022. This document states, "In some areas, sediment focused contaminants of concern (COCs) that exceed the remedial action levels (RALs) or principal threat waste (PTW) thresholds may be buried beneath sediments with concentrations less than RAL and PTW thresholds. Whether or not these areas will be included in a sediment management area (SMA) depends on the chemical and physical stability of the buried contamination and reasonably anticipated future site uses."

During the first phase PDI, 56 subsurface cores, co-located with the 56 surface sediment samples identified in Section 5.1.1, were collected as part of the Remedial Technology Refinement Objective and sampled to support delineation of the DOC and associated dredge prisms and performance of capping demonstrations throughout the SMAs (see Section 5.4 of the PDIWP [Anchor QEA 2020a]).

While not explicitly stated in the PDIWP, these first phase subsurface cores can also be used to achieve the buried contamination SMA Refinement Objective in accordance with EPA's Buried Contamination Guidance (EPA 2022a) using the following lines of evidence (LOEs):

- **LOE 1: Presence of Buried Contamination (i.e., Comparison of Surface and Subsurface Sediment Data to RALs and PTW Thresholds).** NW Natural reviewed surface and subsurface sediment data from the 56 first phase PDI sample locations to identify locations where buried contamination exists, as defined by locations with RAL or PTW threshold exceedances in the subsurface (i.e., below 30 cm) and surface concentrations below RAL and PTW thresholds. NW Natural identified 34 locations where buried contamination is present; therefore, the evaluation of LOE 2 and LOE 3 is necessary.
 - **Data Gaps:** To further support this evaluation and to laterally bound all SMAs, subsurface sediment cores should be collected at each of the 6 surface grab sample locations discussed in Section 5.1.1 (see Figure 5-2). These sediment cores would be sampled to delineate DOC and potential buried contamination at the proposed locations. Additional information is presented in Section 5.1.2.1.
- **LOE 2: Physical Stability.** At locations with potential buried contamination, first phase PDI DOC data and the 7 additional proposed cores described in the bullet above can be used to evaluate the physical stability line of evidence described in the Buried Contamination Guidance (EPA 2022a). The Buried Contamination Guidance states that physical stability should be evaluated for "exposure of buried contamination due to disturbances from large flood events (100-year event), wind and vessel generated waves, vessel propwash, earthquakes, slope instability, in-water construction or maintenance activities, impacts of climate change and other anthropogenic impacts expected due to current or future site uses."
 - **Data Gaps:** The site CSM information discussed in Section 4 of the PDIWP (Anchor QEA 2020a) can be used to complete most of the physical stability evaluations described in the Buried Contamination Guidance (EPA 2022a). However, there are relatively small portions of the Project Area with relatively old elevation data, particularly in the nearshore-most areas where the 2018 David Evans and Associates survey, performed as part of the Pre-RD Group baseline monitoring sampling work, did not achieve complete coverage. The nearshore data was most recently collected by Light Detection and Ranging (LiDAR) in 2014. NW Natural proposes the collection of nearshore bathymetry/topography data (the data collection method will be determined by the surveyor based on water levels and equipment access) to further support sediment physical stability evaluations to be performed in the BODR. The methodologies used will be identical to those used during the Gasco 2019 bathymetric/topographic data collection effort (Anchor QEA 2019b). Additional information is presented in Section 5.1.2.2.

- **LOE 3: Chemical Stability.** At the 34 locations with buried contamination, first phase PDI capping evaluation bulk sediment data can be used to evaluate the chemical stability line of evidence (i.e., potential for upward dissolved-phase transport of buried contaminants) described in the Buried Contamination Guidance (EPA 2022a).
 - **Data Gaps:** Site-specific seepage velocity data is a key model parameter to evaluate chemical stability of buried contamination. Because seepage meter data does not exist within the Project Area, NW Natural proposes the collection of 11 seepage meters within the Project Area. Additional information is presented in Section 5.1.2.3.

While this Combined DSR-PDIWP focuses on first phase PDI subsurface sediment data, it should be noted that future buried contamination evaluations performed for the BODR will include historical subsurface sediment data.

5.1.2.1 Subsurface Sediment DOC Sampling and Analysis

As identified in Section 5.1.2, 7 subsurface sediment cores will be collected and analyzed to delineate DOC.¹¹ Based on a review of DOC in cores just shoreward of the proposed DOC cores (see Figure 5-2), it is anticipated that any subsurface contamination in the proposed cores would be limited to the upper 4 to 5 feet. Therefore, sampling and chemical analysis will be performed for the depth intervals specified as follows:

- Sample consecutive 1-foot intervals beginning at the mudline to the bottom of the core recovery depth.
- If no visual indication of contamination is observed, submit for chemical analysis a minimum of four 1-foot intervals starting at the mudline (0- to 1-foot interval) and proceeding downward in the core to the 3- to 4-foot interval. If visual contamination is observed below the first 4 feet of core sampled, submit for chemical analysis additional 1-foot intervals until two consecutive 1-foot intervals of visual and olfactory unimpacted sediment are sampled.
 - At the single location offshore of USMPDI-056, which has a DOC of 6 feet, the first six 1-foot intervals would be submitted for chemical analyses.
- Archive all other 1-foot sample intervals from the core to be triggered, as needed, based on results from the intervals submitted for chemical analyses.

The subsurface sediment core sampling and processing methods and core logging procedures will be performed consistent with those identified in Sections 3.3.2 and 3.3.3 of the Second Phase PDI FSP (Appendix G). Samples triggered for chemical analysis will be analyzed for the full list of ROD

¹¹ The DOC cores identified as part of the SMA Refinement Objective will also be used to fill data gaps associated with the Remedial Technology Refinement Objective, as discussed in Section 5.3. While these 7 sediment cores are located outside of the Project Area in the navigation channel, they are being proposed as part of the US Moorings second phase PDI to laterally bound the RAL and PTW threshold exceedances present immediately shoreward of the navigation channel boundary.

Table 21 RALs and PTW-highly toxic thresholds parameters in Table G5-1 of the Second Phase PDI FSP (Appendix G).

All subsurface sediment sampling work will be completed in accordance with the EPA-approved version of this Combined DSR-PDIWP and associated Second Phase PDI FSP (Appendix G), Second Phase PDI QAPP (Appendix H), and ERHASP (Anchor QEA 2020d).

5.1.2.2 Bathymetry/Topography

As discussed in Section 5.1.2, NW Natural proposes the collection of nearshore bathymetric/topographic data to support the physical stability evaluations described in EPA's Buried Contamination Guidance (EPA 2022a). The surveyor (eTrac) and the data collection methods will be identical to those described in Section 2.2 of Anchor QEA's *Hydrographic and Topographic Survey Work Plan* for the Gasco Sediments Site (Anchor QEA 2019b). It is expected that eTrac will collect topographic mobile LiDAR data in unsubmerged areas and will collect high-resolution multibeam echosounder data in submerged areas. The anticipated footprint for data collection is the entire Project Area (as shown in Figure 1-1) and will extend channelward into the river approximately an additional 150 feet and into the uplands beyond the top of the riverbank. Additional details about the sample collection are included in the Second Phase PDI FSP (Appendix G).

5.1.2.3 Seepage Meters

As discussed in Section 5.1.2, NW Natural proposes the deployment of eleven seepage meters¹² to obtain empirical data on zones of groundwater discharge and recharge in the Project Area that will be used as part of the fate and transport modeling for the buried contamination chemical stability evaluation and cap modeling demonstrations. The target locations are shown in Figure 5-3. As requested by EPA in an email dated July 25, 2022, additional groundwater information, including supplemental figures, and related communications are included in Appendix I to support the selection of seepage meter locations.

Figure 5-3 shows all historical and first phase PDI locations with buried contamination (i.e., no RAL exceedances or PTW threshold exceedances in surface sediments, but one or more RAL or PTW threshold exceedances in subsurface sediment interval[s] below 1 foot). The seepage meter locations were selected to cover both the ROD-identified shallow and intermediate regions of the US Moorings Project Area with location density and spacing similar to the EPA-approved 2017 interim summer and 2018 interim spring groundwater seepage investigations at the Gasco Sediments Site Project Area. Seepage meters were also spaced to adequately cover the following: 1) areas inside of surface sediment exceedance-based SMA footprints, to be used for potential cap modeling evaluation purposes; and 2) areas outside of surface-based SMA footprints to inform

¹² The seepage meters identified as part of the SMA Refinement Objective will also be used to fill data gaps associated with the Remedial Technology Refinement Objective, as discussed in Section 5.3.

buried contamination evaluations and, if needed, potential future capping evaluations. Preference was given to locations with deeper RAL or PTW threshold exceedances, as these locations are more likely candidates for buried contamination or potential future capping. As a final measure, NW Natural reviewed surface sediment grain size data to confirm the proposed locations cover the general range of grain sizes within the Project Area.

Anchor QEA evaluated adding a minimum of one to two seepage meter locations closer to the navigation channel but still within the capping footprint in the intermediate region. As shown in Figure 5-3, the DOCs (see bold font callouts adjacent to each first phase PDI core location) within 150 feet of the navigation channel boundary are less than or equal to 6 to 7 feet (total of four locations) except in two isolated locations where the DOCs are 10 and 14 feet. As discussed in Section 5.3.1, the ROD assumed that 5 feet of dredging would occur prior to capping in the shallow and intermediate regions in ROD Sections 14.2.3 and 14.2.4 (as a presumptive non-mitigating remedy). Therefore, a simple screening for the potential applicability of capping in these regions is dependent on the DOC being below 5 feet or if the DOC is caused by deep buried contamination. NW Natural believes the marginally deeper DOCs at 6 and 7 feet (which do not include buried contamination) would likely be more cost effective to dredge than cap. In addition, the 14-foot DOC is located directly adjacent to the US Moorings L-dock within the future maintenance dredge area, so capping is not considered feasible in that location.

As stated in footnote 5 in Figure 5-3, the “Post-ROD SMAs + First Phase PDI Data” were developed consistent with ROD-identified methodologies using surface sediments only. As requested in EPA’s *Remedial Design Guidelines and Considerations* (EPA 2021a), dated April 23, 2021, NW Natural will revise the SMA boundaries to include subsurface sediment data, pending the results of buried contamination evaluations described in EPA’s *Buried Contamination Guidance* (EPA 2022a). The proposed seepage meters shown in Figure 5-3 that are located outside of the surface-based SMAs will be used for buried contamination evaluations. Data collected from these seepage meter locations may also be used for cap modeling evaluations, if applicable, in areas that become part of the final SMAs following buried contamination evaluations. The proposed seepage meters located within the surface-based SMAs will be used as necessary to support cap modeling evaluations.

NW Natural proposes to deploy the identical type of seepage meter used during the EPA-approved 2017 interim summer and 2018 interim spring groundwater seepage investigations at the Gasco Sediments Site to empirically measure groundwater seepage. In addition, the identical type of seepage meter was used during *Portland Harbor Remedial Investigation/Feasibility Study* sampling in 2005. A detailed description of these meters and the type of data that will be obtained is provided in the following documents.

- *Revised NW Natural Proposed Summer 2017 Interim Pre-Remedial Design Data Gaps Field Sampling – Gasco Sediments Site* (Anchor QEA 2017)

- *Revised NW Proposed Spring 2018 Interim Pre-Remedial Design Data Gaps Field Sampling – Gasco Sediments Site* (Anchor QEA 2018)
- *Portland Harbor RI/FS Round 2 Groundwater Pathway Assessment Sampling and Analysis Plan – Attachment 1 Field Sampling Plan Groundwater Plume Discharge Mapping* (Integral 2005a)

The meters are ultrasonic seepage meters available through Coastal Monitoring Associates (CMA), located in San Diego, California.

Ultrasonic seepage meters are capable of time-series flow rate measurement, which captures both positive and negative seepage at the surface water-sediment interface. Seepage time series measurements will be reported at hourly average values based on the underlying 1-second sampling rate of the meter. Hourly rates will subsequently be used to determine tidal-cycle averages by averaging over the tidal period of approximately 25 hours. If seepage data are not collected simultaneously at all seepage monitoring locations, data will be recorded from a nearby tide gauge (U.S. Geological Survey or otherwise) so changes in tidal amplitude (natural or storm induced) can be evaluated in conjunction with the seepage data. Data from the most proximal Gasco property upland source control system gauges will be recorded and used as necessary to support evaluation of the seepage meter data.

Conductivity and temperature will be monitored using a logger placed inside each seepage meter funnel. Consistent with the Gasco Sediments Site, study-wide pressure will be monitored by placing a single pressure sensor at a fixed location (pier piling or similar structure) for the duration of the seepage meter deployment period.

The seepage meters need to be deployed in at least 5 feet of river water to remain submerged during deployment. Four of the eleven seepage meter locations proposed by NW Natural are located within nearshore areas of the Project Area that are not expected to have sufficient water depth during periods of low water in the late summer and early fall. Considering water depth requirements and the effects of seasonality of seepage velocities, the first round of proposed seepage meter deployment and data collection was approved by EPA for expedited implementation and performed between September 29 through October 5 when the river surface water elevations were low relative to high upland groundwater elevations. This condition provided the highest potential groundwater seepage fluxes in the Project Area. Due to water depth limitations, the first deployment was limited to seven seepage meters in the deeper offshore areas of the Project Area.

The second round of proposed deployment includes collection of data from eleven proposed locations, seven of which are collocated with the offshore locations and four additional shallow nearshore locations. NW Natural is targeting deployment of the second round of seepage meters between March through early April 2023, when river surface elevations are high relative to the upland groundwater elevations and allow for the meters to be submerged in the four nearshore

areas of the Project Area. However, initial outreach to the seepage meter subcontractor has identified potential scheduling conflicts until May 2023. Anchor QEA will continue to discuss scheduling this work and will coordinate as necessary with EPA in early 2023 if the target window cannot be achieved.

CMA (the same contractor that performed the deployment during the EPA-approved interim 2017 and 2018 groundwater seepage investigations at the Gasco Sediments Site) is available to deploy the seepage meters in September and October 2022 at all locations with sufficient overlying water depth. All meters will be deployed by a certified dive team under an EPA-approved Diver Health and Safety Plan that will be developed by the diving contractor and submitted to EPA for review and approval at least 2 months prior to mobilization. It is expected that the Diver Health and Safety Plan will be similar to the plan developed by Research Support Systems for their diving operations to support the 2017 and 2018 groundwater seepage investigations at the Gasco Sediments Site (RSS 2017) and will be updated as necessary to reflect current personnel, certifications, and practices (including COVID-19 mitigation measures). Consistent with the 2017 and 2018 groundwater seepage investigations at the Gasco Sediments Site (Anchor QEA 2017, 2018), NW Natural proposes deployment of each seepage meter for a period of 3 days to update groundwater seepage variations over multiple tidal cycles. The proposed seepage meter discharge flow measurement, decontamination, and field documentation procedures will be performed consistent with the 2017 and 2018 groundwater seepage investigations (Anchor QEA 2017a).

Precautions will be taken to limit seepage meter exposure to surface waves and wakes due to nearby vessels. Thorough notes will be taken during deployment regarding any potential sources of disturbance, and automatic identification system (AIS) ship logs will be recorded for possibly interfering vessel wakes encountered during seepage meter deployment.

5.2 CSM Refinement Objective

The first phase PDI included a focused number of locations for targeted performance of riverbank angled borings and riverbank surface soils. This focused data collection provided initial Project Area-specific baseline data for these media to fill any remaining CSM Refinement Objective data gaps. As discussed in Section 2.3.1 and in the EPA-approved FCR #3 (Table 1-1; Appendix A), Anchor QEA and EPA personnel performed a visual reconnaissance of the riverbank prior to collection of riverbank surface soil samples. The majority of the riverbank was covered in riprap and gravel that exceeded the definition of erodible soils (material less than 2 inches in diameter, per Section 3.3.2 of the First Phase FSP [Anchor QEA 2020b]) with little exposed soil. In addition, an opportunistic habitat assessment was performed concurrent with the riverbank reconnaissance. Additional information and supporting documentation for the habitat assessment are provided in Appendix L.

Of the 11 riverbank boring locations and 2 surface soil locations, none of the locations exceeded the PTW thresholds or site-wide RALs; CUL exceedances are summarized in Section 4.3. During the field effort visual reconnaissance, as confirmed by EPA oversight, there was a lack of erodible surface soils along the riverbank, so no additional surface soil samples could be collected. In addition, sufficient riverbank angled boring data were collected to meet the riverbank soil characterization objective. No additional CSM refinement data gaps have been identified.

5.3 Remedial Technology Refinement Objective

As described in the SOW (EPA 2020a) and Section 14.2 of the ROD (EPA 2017), additional design-level sampling is required to support refinement of the ROD-identified remedial technologies in each project area. Subsurface sediment data collected during the first phase PDI was intended to support identification of the DOC and performance of capping demonstrations throughout the SMAs in the Project Area.

The first phase PDI sampling included the collection of subsurface sediment data at 56 locations consistent with EPA's PDI data density requirements, which also meet the DOC and capping demonstration objectives. At 26 of the first phase PDI locations, insufficient sample depth was achieved to identify the DOC. Table 5-1 summarizes these 26 locations. The DOC may not be required to support RD in areas where capping is the selected remedial technology, and the identification of dredging versus capping technologies will not occur until development of the BODR. Therefore, NW Natural proposes to determine whether additional DOC cores may need to be collected in these vertically unbounded areas during RD based on the outcome of the BODR remedial technology evaluations. The six additional proposed DOC cores to support buried contamination evaluations associated with the SMA Refinement Objective (discussed in Section 5.1.2.1) will also support the Remedial Technology Refinement Objective of delineating DOC.

The subsurface sediment capping demonstration DQOs were achieved during the first phase PDI, so no data gaps were identified for those core locations. The additional six proposed subsurface sediment DOC cores were evaluated to determine whether the capping demonstration data objective would be required for these cores. A review of bathymetry and DOC at nearby first phase PDI subsurface sampling locations indicates that RAL and PTW threshold exceedances (if there are any in the proposed second phase PDI DOC cores) would likely be located above the elevation at which capping becomes feasible in the navigation channel (see discussion in Section 6.2.2 of the PDIWP [Anchor QEA 2020a]). Therefore, capping demonstration bulk sediment data will not be collected from any of the proposed second phase PDI sediment core locations. In addition, the seepage meter data collected to support buried contamination analyses for the SMA Refinement Objective (see Section 5.1.2.2) will also be used to inform cap modeling evaluations within the final SMAs during RD.

Consistent with the Gasco Sediments Site DGWP (Anchor QEA 2019a), NW Natural will perform dredged material waste handling, transport, and disposal classification evaluations to pre-characterize the sediments that may potentially be dredged, transported, and disposed of off site. Sampling and analysis for each objective is discussed in Section 5.3.1. This data will be used to support determination of constructability, environmental protectiveness, and cost-effectiveness of dredging and capping technologies within the SMAs.

5.3.1 Dredged Material Handling, Transport, and Disposal Sampling and Analysis

NW Natural proposes to collect sediment from 12 subsurface sampling locations to support the following data objectives:

- Dredge material haul barge dewatering testing (Figure 5-4)
- Dredge material stabilization testing (Figure 5-4)
- Dredge material disposal suitability testing (Figure 5-5)

A 16-foot or 20-foot vibracore¹³ will be collected from each of the 12 proposed locations and will be sampled, treated, and analyzed, as discussed in Sections 5.3.1.1 through 5.3.1.3. Because the final SMA extents are not yet known (see Section 5.1), the sample locations were selected to spatially cover the various regions (shallow, intermediate, and navigation channel/FMD) of the Project Area and to provide representative data throughout the Project Area. Proposed samples conservatively represent the upper range of contaminant concentrations. After finalizing the SMAs, NW Natural will evaluate whether additional sampling is required for dredged material handling, transport, and disposal evaluations.

Locations in the navigation channel/FMD regions will be sampled from the mudline to the bottom DOC identified in nearby cores to simulate removal of the full DOC at these locations. In ROD Sections 14.2.3 and 14.2.4 (EPA 2017), EPA assumed that 5 feet of dredging would occur prior to capping in the shallow and intermediate regions (as a presumptive non-mitigating remedy); therefore, samples from these regions would be collected from 0 to 5 feet unless the DOC is only marginally deeper than 5 feet (i.e., DOC of up to 7 feet). Locations within the shallow and intermediate regions that have a DOC slightly deeper than 5 feet will be sampled from the mudline to the DOC because the final technology assignment in these areas may show that full removal is more cost-effective and environmentally protective than dredging and capping a thin interval of contaminated sediment. Sample intervals depths are presented in Table G3-3 of the Second Phase PDI FSP (Appendix G).

¹³ Consistent with the approach used during the first phase PDI, 20-foot sediment cores will be collected from the offshore portions of the Project Area and 16-foot sediment cores from the nearshore portions of the Project Area where water depth limits access needed for the 20-foot coring equipment.

Sample collection methodologies and analytical testing are discussed in detail in the Second Phase PDI FSP (Appendix G) and Second Phase PDI QAPP (Appendix H).

5.3.1.1 Dredge Material Haul Barge Dewatering Testing

In addition to the bulk sediment samples described in Section 5.3.1, river water from the Project Area will be collected to be used for the haul barge dewatering testing. Standard elutriate test methods, identical to those used for the Gasco Sediments Site and described in Section 3.5.1.1 of the DGWP (Anchor QEA 2019a), will be followed. This testing involves mixing the sediment and water in a specified ratio, followed by agitation of the slurry mixture for a specified period, settling or filtration of solids, and analysis of the resulting water column. Standard elutriate tests will be conducted in accordance with national dredged material disposal guidelines (EPA and USACE 1991). The quality of the dredge elutriate will then be compared to the appropriate water quality standards based on the selected elutriate management option.

Additional information regarding methodologies is presented in Section 5.2.2 of the Second Phase PDI FSP (Appendix G).

Consistent with the discussion in Section 3.5.1.1 of the DGWP (Anchor QEA 2019a), for discharge of the dredge haul barge elutriate back to the river in the construction area, due to the short-term and intermittent nature of dredge dewatering elutriate discharges, and because construction activities will only be occurring during a portion of the day (i.e., non-24-hour work shifts), the appropriate standards for water quality evaluation are acute water quality criterion. NW Natural proposes analyzing the dredge dewatering elutriate samples for those chemicals containing ROD Table 17 surface water CULs that have applicable acute water quality criteria or reliable acute ecological screening values for surface water, which include the following:

- Acute freshwater Criterion Maximum Concentration (CMC) identified in the Oregon Department of Environmental Quality's (DEQ's) *Table 30: Aquatic Life Water Quality Criteria for Toxic Pollutants* (Oregon Administrative Rule 340-041-8033)
- Acute freshwater CMC identified in EPA's *National Recommended Water Quality Criteria – Aquatic Life Criteria Table* (EPA 2019b)
- *Procedures for the Derivation of Equilibrium Partitioning Sediment Benchmarks (ESBs) for the Protection of Benthic Organisms: PAH Mixtures* (EPA 2003) for PAHs because there are no DEQ and EPA acute CMC criteria for these chemicals
- The Oak Ridge National Laboratory Tier II secondary acute ecological screening values for surface water for those ROD Table 17 chemicals that do not have DEQ, EPA, or equilibrium partitioning sediment benchmark values

In Specific Comment 21b (Appendix J) on the Combined DSR-PDIWP, EPA states, "For consistency with other project areas, include a comparison to chronic criteria for informational purposes. While

acute criteria are the appropriate screening criteria for water quality impacts from remedial action activities as they are short-term, limited releases, chronic criteria should also be included for comparison purposes.” Therefore, NW Natural will compare results to chronic criteria for informational purposes only (these data will not be used for decision-making during RD).

Results of the elutriate evaluations and associated recommendations for managing haul barge elutriate during dredging will be presented during RD.

5.3.1.2 Dredged Material Stabilization Testing

Dredged material stabilization tests will be performed on each of the 12 samples identified in Section 5.3.1 using Portland cement and potentially other pozzolanic materials (e.g., calciment, lime kiln dust) and material dosages to determine the appropriate amendment to cost-effectively stabilize dredge material so it meets the applicable transport and disposal facility material strength requirements. Stabilization will be performed using the same methodologies presented in the EPA-approved Gasco Sediments Site DGWP (Anchor QEA 2019a). A variety of dosages (and potentially amendment types) that may be used are described in the Second Phase PDI FSP (Appendix G). Optimum dosage ratios will be evaluated through paint filter testing, percent solids analysis, and visual observations of physical characteristics at specified cure periods (e.g., 24 hours, 48 hours, and 72 hours). The goal is to determine the most optimum combination of amendment, dosage ratio, and cure time to allow the stabilized end product to pass the paint filter test and meet the minimum structural strength required by the disposal facility.

5.3.1.3 Dredge Material Disposal Suitability Testing

Each of the 12 samples identified in Section 5.3.1 will be analyzed for the following parameters:

- Resource Conservation and Recovery Act (RCRA) waste characteristics (ignitability and corrosivity)
- Toxicity characteristic leaching procedure (TCLP) analytes (RCRA eight metals, VOCs, SVOCs, pesticides, and herbicides)

Extensive data have been collected throughout the Project Area for VOCs, which contain F002 waste constituents, as part of the capping demonstration subsurface sediment sampling program for the first phase PDI. The data were compared to DEQ risk-based concentrations for the five F002 waste constituents (TCE; cis-DCE; trans-DCE; 1,1-DCE; and vinyl chloride) included in the *Statement of Work – Gasco Sediments Site* (EPA 2009), and no exceedances were identified. No other available information indicates that F002 waste constituents would be present in the Project Area. For example, extensive testing within the immediately upstream Gasco Sediments Site Project Area has found no F002 constituent exceedances downstream of the Gasco/Siltronic property line. Therefore, NW Natural understands that F002 wastes are not present at the US Moorings Project Area and do not require further evaluation.

The RCRA waste characteristics will be defined based on 40 Code of Federal Regulations (CFR) 261.C. The TCLP elutriate concentrations will be compared against the TCLP criteria defined in 40 CFR 261.24.

Initially, each composite sample will be analyzed for the above parameters without any dewatering amendment. If no RCRA waste characteristics are identified and there are no exceedances of the TCLP thresholds, no additional testing will be performed. Alternatively, for any unamended samples that contain RCRA waste characteristics or exceedances of the TCLP thresholds, the samples will be stabilized with dewatering amendments and retested (only for the applicable tests driving the amendment addition).

NW Natural has confirmed that there are no disposal facility requirements to test for the reactivity characteristic.¹⁴ Instead, reactivity is designated based on generator knowledge. The eight criteria are listed below in **bold text** with NW Natural's knowledge in terms of each criterion in regular text.

1. **It is normally unstable and readily undergoes violent change without detonating.** The sediment is stable and would have violently changed by now if that was its inclination.
2. **It reacts violently with water.** The sediment is underwater and would have reacted violently with water if that was its inclination.
3. **It forms potentially explosive mixtures with water.** See response to criterion 2.
4. **When mixed with water, it generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.** The sediment is currently mixed with water. Numerous sediment investigations (AECOM and Geosyntec 2019; Anchor QEA 2010, 2020a; Integral 2004, 2005b, 2008; Integral and Anchor QEA 2005; Jacobs Engineering 2000; KTA/TEC 2010; URS 2003; Weston 1998) at various depths have been conducted in the Project Area with air quality monitoring, and there has been no evidence of toxic gases, vapors, or fumes.
5. **It is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapors, or fumes in a quantity sufficient to present a danger to human health or the environment.** There have been numerous sediment investigations at various depths throughout the Project Area with air quality monitoring, and there has been no indication that toxic gases, vapors, or fumes have been generated.
6. **It is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement.** The sediment is not an explosive material and, to the best of NW Natural's knowledge, does not contain residues of explosives.
7. **It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure.** See response to criterion 6.
8. **It is a forbidden explosive as defined in 49 CFR 173.54, or is a Division 1.1, 1.2, or 1.3 explosive as defined in 49 CFR 173.50 and 173.53.** See response to criterion 6.

¹⁴ There are no current test procedures for the reactivity characteristic. There were some reactivity tests that were used historically, but those test methods were withdrawn over 20 years ago.

6 Schedule and Reporting

NW Natural would like to complete the second phase PDI, following EPA approval of this Combined DSR-PDIWP, in spring 2023 to take advantage of relatively high river water surface elevations (highest during the March/early-April timeframe) to allow access to nearshore sediment sampling locations. NW Natural is currently working with contractors to determine an appropriate start date for the second phase PDI. The start date will be communicated to EPA at least 1 month in advance of mobilization.

Following completion of the second phase PDI and receipt of the final validated data, NW Natural will present the findings of the second phase PDI results. This report will include a detailed assessment of the data and determine if any data gaps remain to finalize SMA Refinement, CSM Refinement, or Remedial Technology Refinement. If there are data gaps, a proposed scope of work will be submitted to EPA in a PDIWP addendum after EPA feedback is received.

If no data gaps are identified to achieve the SMA Refinement, CSM Refinement, or Remedial Technology Refinement, NW Natural will submit for EPA review and approval the draft Pre-Design Investigation Evaluation Report within 90 days of receipt of the final validated second phase PDI data. The Pre-Design Investigation Evaluation Report will include the following content in accordance with the SOW (EPA 2020a) requirements:

- Summary of the investigations performed
- Summary of the investigation results
- Summary of validated data (i.e., tables and graphics)
- Data validation reports and laboratory data reports
- Narrative interpretation of data and results
- Results of statistical and modeling analyses, if applicable
- Photographs documenting the work conducted
- Conclusions and recommendations on whether the data are sufficient to complete the BODR

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Tables

Table 1-1
Field Change Request Summary

FCR No.	Date	Field Activity	FCR Title	FCR Description	Change
1	11/2/20	Subsurface Sediment Sampling	Subsurface Sediment Sampling Intervals for Alkylated PAH and TPH Analyses	As discussed in Section 5.4 of the EPA-approved PDIWP, NW Natural proposed analyses of alkylated PAHs and TPH at select subsurface sediment sample locations within the Project Area. The locations and intervals to be analyzed for these analyses are identified in Table B5-2 of Appendix B of the FSP. Six of these locations are in the ROD-identified Shallow Region of the Project Area and have sample depth intervals that are slightly different than the co-located capping evaluation sample intervals. The DQO for these analyses is to obtain alkylated PAH and TPH data throughout the majority of the core. To simplify the subsurface sediment processing in these six locations while achieving the DQO, NW Natural is proposing minor adjustments to the alkylated PAHs and TPH sampling intervals to be co-located with the capping evaluation sample intervals.	The locations and recommended sampling interval changes for alkylated PAHs and TPH are highlighted in yellow on the attached Table B5-2. At location USMPDI-020, the 2- to 4-foot sample interval will change to the 2- to 5-foot interval. At the other locations (USMPDI-024, USMPDI-025, USMPDI-029, USMPDI-032, and USMPDI-037), the sample interval will change from every 2 feet to 2 to 5 feet, 5 feet to 7 feet, 7 feet to 10 feet, and 10 feet to 13 feet.
2	3/24/21	Riverbank Angled Boring Collection	Angled Riverbank Boring Location Abandonment	As discussed in Section 6.4 of the EPA-approved PDIWP, NW Natural proposed the advancement of riverbank angled borings at 13 locations within the Project Area. The locations of the proposed borings are identified in Figure B3-3 of the FSP (Appendix B to the PDIWP). During the utility locate in preparation for boring advancement, utilities were identified adjacent to two of the proposed locations (USMPDI-065 and USMPDI-066) located in an alleyway between the top of riverbank and adjacent upland structures (Figure 1). The two locations were air-knifed to expose the utilities to further evaluate the possibility of safely advancing the borings at these locations (Attachment A). Neither location could safely be drilled at the proposed locations due to the utility conflicts and the lack of space needed to position the drill rig between the top of riverbank and the adjacent uplands structures. Just north of the target USMPDI-066 location, the building configuration would allow sufficient space for the drill rig to lay down the drill rig mast to advance a boring along the top of riverbank where no utility conflicts were identified. Repositioning USPDI-066 to this location would require a commensurate shift north by location USMPDI-065, but this shift would result in a spacing of approximately 80 feet to USMPDI-064 that is much less than the proposed 150 feet in the PDIWP. During the utility locate, a 12-foot tall timber bulkhead situated along the alignment shown in Figure 1 was identified that creates a physical barrier between the uplands and the riverbank adjacent to location USMPDI 070. An angled boring cannot be advanced in this location without penetrating the bulkhead, and advancing a vertical boring here would not achieve the data quality objective of characterizing the riverbank soil/sediment quality nor support the sediment remedy RD. USMPDI-069, the next boring to the north of this location, had to be adjusted south based on space restrictions and the presence of utilities. Relocating USMPDI-070 to the north to clear the timber bulkhead would position these borings approximately 50 feet apart, which is much closer than the proposed 150 feet in the PDWIP.	NW Natural proposes to abandon riverbank angled boring locations USMPDI-065 and USMPDI-070 due to the presence of utilities and timber bulkhead wall, respectively, and repositioning the locations to avoid these conflicts will result in a boring separation much closer than the proposed 150 feet and, therefore, unnecessary to support design. Consistent with Section 3.3.2 and Figure B3-2 of the FSP (Appendix B to the PDIWP), NW Natural will attempt to collect three-point composite surface (0 to 1 foot below ground surface) soil samples from the face of the riverbank at locations USMPDI-078 and USMPDI-083 adjacent to the proposed abandoned riverbank angled boring locations USMPDI-065 and USMPDI-070, respectively, to characterize the riverbank soil quality in these areas. If collecting the surface samples is not feasible, NW Natural will discuss with EPA whether additional data is necessary to support RD.

**Table 1-1
Field Change Request Summary**

FCR No.	Date	Field Activity	FCR Title	FCR Description	Change
3	4/1/21	Riverbank Surface Soil Collection	Riverbank Surface Soil Location Abandonment	<p>As discussed in Section 6.3 of the EPA-approved PDIWP, NW Natural proposed to collect riverbank surface (0 to 1 foot) soil for erodibility testing at 13 locations within the Project Area. The locations of the proposed surface soil locations are identified in Figure B3-2 of the FSP (Appendix B to the PDIWP) and were preliminarily identified at approximately 150-foot center across the entire Project Area riverbank pending any necessary repositioning during field sampling based on the encountered presence/absence of erodible soils.</p> <p>On March 29, 2021, Anchor QEA and EPA oversight personnel performed visual reconnaissance throughout the entire Project Area riverbank to document any presence of erodible soils (material less than 2 inches in diameter per Section 3.3.2 of the FSP) suitable to be collected for analysis. Representative photographs of the ground surface at each proposed location are included in the attached photograph log (Attachment A). As shown in the photograph log, nearly the entire riverbank is covered with large riprap and smaller gravels that are significantly larger than 2 inches in diameter, except for two small areas of the riverbank near locations USMPDI-073 and USMPDI-077. Anchor QEA successfully collected surface (0 to 1 foot) samples at both locations on March 30, 2021. The FSP-identified samples were to be collected as a composite of three grab samples in a triangular pattern with an equidistant spacing of approximately 25 feet around the proposed target location. However, field observations only indicated surface soils less than 2 inches in diameter in an approximately 10 foot by 10 foot area, so only two grab samples were collected at each location and homogenized into a composite sample for subsequent analysis in accordance with Section 5.2 of the FSP.</p>	<p>As verbally agreed with EPA oversight personnel during the visual reconnaissance, NW Natural proposes to abandon all riverbank surface soil locations other than USMPDI-073 and USMPDI-077 due to the lack of surface erodible soils, as photograph documented in Attachment A. In addition, due to the small area of potentially erodible solids at locations USMPDI-073 and USMPDI-077, a two-point composite grab sample was homogenized to create the sample at these locations, and the mid-point of the two samples will be used as the sampling location.</p>
4	5/4/21	Surface and Subsurface Sediment Sampling	Surface and Subsurface Station Abandonment and Modified Coring Approach for Remaining Shallow Stations	<p>Starting in September 2020 and continuing to date, NW Natural has been conducting PDI activities in the Project Area in accordance with the EPA-approved PDIWP. As discussed in Section 3.3 of the PDIWP, the surface sediment grabs are being collected and analyzed to refine the SMAs within the Project Area based on exceedances of the ROD Table 21 RALs and PTW-highly toxic thresholds. As shown in Figure 1, proposed station USMPDI-032 is in an area surrounded by stations USMPDI-026, USMPDI-033, USMPDI-037, USMPDI-029, and USMPDI-025. All of those stations are within 150 feet of their nearest neighbor, so the RD data density data quality objective in this area has been achieved. Therefore, NW Natural proposes to remove both surface and subsurface sampling at station USMPDI-032 from the PDI sampling program.</p> <p>As discussed in Section 6.2 of the PDIWP, NW Natural proposed to collect cores to a maximum depth of 16 feet bml or to refusal in the shallow region. Based on current and forecasted river surface water elevations and information gathered during the sampling over the last 2 weeks, four stations (USMPDI 028, USMPDI-030, USMPDI-031, and USMPDI-035; Figure 1) are located in the shallow embayment with insufficient river surface water elevations to allow collection of 16-foot subsurface cores using the PDI coring equipment. The sampling contractor's smaller boat is able to access this shallow area, but this boat is only capable of collecting cores to a maximum depth of 8 feet bml. Based on existing information from core stations collected during this PDI (e.g., USMPDI-005, USMPDI-015, and USMPDI-008) in similar nearshore locations but with greater water depth, it is unlikely that these four locations will have more than 8 feet of recoverable sediment before hitting a gravel/riprap layer that prevents deeper sampling. In addition, there is a single historical core collected from this area that was sampled down to 6 feet by the same marine contractor in 2008 with no identified sediment quality exceedances, and the current remedial technology identified in this area by the ROD is monitored natural recovery because no exceedances have been detected. For these reasons, NW Natural believes the feasible shorter core depth will achieve the necessary data quality objectives to complete RD in this area.</p>	<p>NW Natural proposes to remove station USMPDI-032 from the PDI sampling program due to sufficient data density in this area and to use an 8-foot coring assembly to collect stations USMPDI-028, USMPDI-030, USMPDI-031, and USMPDI-035 due to anticipated shallow refusal and insufficient river water surface elevations to collect the proposed 16 foot cores.</p>

Table 1-1
Field Change Request Summary

Notes:

BERA: *Final Baseline Ecological Risk Assessment*

bml: below mudline

COC: contaminant of concern

DQO: data quality objective

EPA: U.S. Environmental Protection Agency

FCR: Field Change Request

FSP: *Revised Final Field Sampling Plan*

PAH: polycyclic aromatic hydrocarbon

PCB: polychlorinated biphenyl

PDI: pre-design investigation

PDIWP: *Revised Final Pre-Design Investigation Work Plan*

Project Area: US Moorings Project Area

PTW: principal threat waste

RAL: remedial action level

RD: remedial design

REV: reference envelope value

ROD: Record of Decision

SEF: Sediment Evaluation Framework

SMA: sediment management area

TPH: total petroleum hydrocarbon

Table 2-1
Sampling Summary: Surface Sediment

Station ID	Collection Date	Actual Coordinates (NAD83ORNH)		Mudline Elevation (feet COP)	Sample ID	Centroid Coordinates (NAD83ORNH)		Distance from Centroid (feet)
		Easting (X)	Northing (Y)			Easting (X)	Northing (Y)	
USMPDI-001SG-A	10/11/2020	7622029.3	707298.4	-38.4	USMPDI-001SG-A-201011	7622030.11	707307.508	8.1
USMPDI-001SG-B	10/11/2020	7622036.5	707310.4	-38.4	USMPDI-001SG-B-201011			8.9
USMPDI-001SG-C	10/11/2020	7622024.6	707313.7	-38.4	USMPDI-001SG-C-201011			8.3
USMPDI-002SG-A	10/12/2020	7621938.7	707265.1	-12.2	USMPDI-002SG-A-201012	7621937.364	707267.762	1.8
USMPDI-002SG-B	10/12/2020	7621944.6	707261.3	-12.2	USMPDI-002SG-B-201012			6.7
USMPDI-002SG-C	10/12/2020	7621928.8	707276.9	-12.2	USMPDI-002SG-C-201012			15.6
USMPDI-003SG-A	10/11/2020	7622105.6	707219.7	-38.7	USMPDI-003SG-A-201011	7622116.418	707213.885	9.2
USMPDI-003SG-B	10/11/2020	7622117.6	707204.7	-38.7	USMPDI-003SG-B-201011			10.7
USMPDI-003SG-C	10/11/2020	7622126.0	707217.3	-38.7	USMPDI-003SG-C-201011			13.1
USMPDI-004SG-A	10/12/2020	7622040.9	707166.2	-10	USMPDI-004SG-A-201012	7622038.711	707157.315	10.3
USMPDI-004SG-B	10/12/2020	7622045.2	707150.2	-10	USMPDI-004SG-B-201012			9.7
USMPDI-004SG-C	10/12/2020	7622030.0	707155.5	-10	USMPDI-004SG-C-201012			7.8
USMPDI-005SG-A	4/12/2021	7621965.7	707152.2	1.22	USMPDI-005SG-A-210412	7621968.839	707148.8995	7.3
USMPDI-005SG-B	4/12/2021	7621967.1	707144.3	1.22	USMPDI-005SG-B-210412			10.6
USMPDI-005SG-C	4/12/2021	7621973.7	707150.2	1.22	USMPDI-005SG-C-210412			15.1
USMPDI-006SG-A	10/10/2020	7622183.9	707117.8	-33.1	USMPDI-006SG-A-201010	7622177.823	707119.964	8.4
USMPDI-006SG-B	10/10/2020	7622177.4	707131.9	-33.1	USMPDI-006SG-B-201010			13.0
USMPDI-006SG-C	10/10/2020	7622172.1	707110.2	-33.1	USMPDI-006SG-C-201010			9.5
USMPDI-007SG-A	10/12/2020	7622056.7	707044.7	-4.6	USMPDI-007SG-A-201012	7622060.528	707052.747	8.1
USMPDI-007SG-B	10/12/2020	7622068.5	707053.5	-4.6	USMPDI-007SG-B-201012			9.6
USMPDI-007SG-C	10/12/2020	7622056.3	707060.0	-4.6	USMPDI-007SG-C-201012			7.9
USMPDI-008SG-A	4/13/2021	7621999.1	707019.4	1.57	USMPDI-008SG-A-200413	7622006.1	707026.0664	31.3
USMPDI-008SG-B	4/13/2021	7622012.0	707022.7	1.57	USMPDI-008SG-B-200413			43.5
USMPDI-008SG-C	4/13/2021	7622007.2	707036.2	1.57	USMPDI-008SG-C-200413			49.1
USMPDI-009SG-A	10/12/2020	7622147.8	707017.9	-7.5	USMPDI-009SG-A-201012	7622155.922	707018.847	8.1
USMPDI-009SG-B	10/12/2020	7622158.3	707026.7	-7.5	USMPDI-009SG-B-201012			9.1
USMPDI-009SG-C	10/12/2020	7622161.7	707012.0	-7.5	USMPDI-009SG-C-201012			8.3
USMPDI-010SG-A	4/14/2021	7622078.5	706899.2	1.84	USMPDI-010SG-A-210414	7622086.927	706899.5782	10.3
USMPDI-010SG-B	4/14/2021	7622093.3	706909.1	1.84	USMPDI-010SG-B-210414			12.9
USMPDI-010SG-C	4/14/2021	7622088.9	706890.4	1.84	USMPDI-010SG-C-210414			20.7
USMPDI-011SG-A	10/11/2020	7622232.6	706998.5	-15	USMPDI-011SG-A-201011	7622224.807	706999.505	9.6
USMPDI-011SG-B	10/11/2020	7622228.5	707004.1	-15	USMPDI-011SG-B-201011			9.5
USMPDI-011SG-C	10/11/2020	7622213.3	706996.0	-15	USMPDI-011SG-C-201011			10.0
USMPDI-012SG-A	10/10/2020	7622295.0	707048.4	-40.8	USMPDI-012SG-A-201010	7622299.744	707043.192	9.2
USMPDI-012SG-B	10/10/2020	7622308.6	707045.0	-40.8	USMPDI-012SG-B-201010			8.5
USMPDI-012SG-C	10/10/2020	7622295.6	707036.2	-40.8	USMPDI-012SG-C-201010			7.4
USMPDI-013SG-A	11/16/2020	7622348.1	706932.6	-33.9	USMPDI-013SG-A-201116	7622340.425	706936.284	9.5
USMPDI-013SG-B	11/16/2020	7622340.8	706944.4	-33.9	USMPDI-013SG-B-201116			8.1
USMPDI-013SG-C	11/16/2020	7622332.3	706931.9	-33.9	USMPDI-013SG-C-201116			8.4
USMPDI-014SG-A	11/16/2020	7622246.0	706882.0	-4.8	USMPDI-014SG-A-201116	7622247.998	706887.591	6.8
USMPDI-014SG-B	11/16/2020	7622254.3	706889.0	-4.8	USMPDI-014SG-B-201116			4.2
USMPDI-014SG-C	11/16/2020	7622243.7	706891.8	-4.8	USMPDI-014SG-C-201116			9.9
USMPDI-015SG-A	4/14/2021	7622163.6	706811.1	2.51	USMPDI-015SG-A-210414	7622164.515	706819.7887	12.0
USMPDI-015SG-B	4/14/2021	7622157.5	706822.2	2.51	USMPDI-015SG-B-210414			5.3
USMPDI-015SG-C	4/14/2021	7622172.5	706826.0	2.51	USMPDI-015SG-C-210414			10.3
USMPDI-016SG-A	4/13/2021	7622231.4	706749.0	2.79	USMPDI-016SG-A-210413	7622239.209	706753.6582	8.0
USMPDI-016SG-B	4/13/2021	7622239.0	706761.6	2.79	USMPDI-016SG-B-210413			6.7
USMPDI-016SG-C	4/13/2021	7622247.2	706750.4	2.79	USMPDI-016SG-C-210413			12.3
USMPDI-017SG-A	4/12/2021	7622371.0	706762.7	-4.34	USMPDI-017SG-A-210412	706753.6582	706771.3993	11.5
USMPDI-017SG-B	4/12/2021	7622366.2	706775.0	-4.34	USMPDI-017SG-B-210412			3.6
USMPDI-017SG-C	4/12/2021	7622380.7	706776.4	-4.34	USMPDI-017SG-C-210412			11.2
USMPDI-018SG-A	11/16/2020	7622419.5	706829.7	-24.2	USMPDI-018SG-A-201116	7622421.802	706819.286	9.6
USMPDI-018SG-B	11/16/2020	7622430.6	706814.8	-24.2	USMPDI-018SG-B-201116			10.5
USMPDI-018SG-C	11/16/2020	7622415.2	706813.4	-24.2	USMPDI-018SG-C-201116			9.6
USMPDI-019SG-A	4/14/2021	7622290.9	706662.8	2.78	USMPDI-019SG-A-210414	7622294.521	706666.1873	8.3
USMPDI-019SG-B	4/14/2021	7622300.7	706663.2	2.78	USMPDI-019SG-B-210414			18.1
USMPDI-019SG-C	4/14/2021	7622292.0	706672.5	2.78	USMPDI-019SG-C-210414			14.1
USMPDI-020SG-A	4/12/2021	7622422.1	706698.7	0.43	USMPDI-020SG-A-210412	7622414.461	706695.8555	12.3
USMPDI-020SG-B	4/12/2021	7622412.4	706687.4	0.43	USMPDI-020SG-B-210412			9.4
USMPDI-020SG-C	4/12/2021	7622408.9	706701.5	0.43	USMPDI-020SG-C-210412			5.1
USMPDI-021SG-A	10/10/2020	7622528.8	706829.7	-40.1	USMPDI-021SG-A-201010	7622535.083	706824.634	8.7
USMPDI-021SG-B	10/10/2020	7622533.1	706816.2	-40.1	USMPDI-021SG-B-201010			8.5
USMPDI-021SG-C	10/10/2020	7622543.3	706828.0	-40.1	USMPDI-021SG-C-201010			8.5
USMPDI-022SG-A	11/16/2020	7622538.8	706743.7	-29	USMPDI-022SG-A-201116	7622530.282	706744.728	10.4
USMPDI-022SG-B	11/16/2020	7622526.2	706737.3	-29	USMPDI-022SG-B-201116			9.3
USMPDI-022SG-C	11/16/2020	7622525.8	706753.2	-29	USMPDI-022SG-C-201116			7.4
USMPDI-023SG-A	10/10/2020	7622621.6	706775.4	-42.2	USMPDI-023SG-A-201010	7622618.435	706783.183	9.3
USMPDI-023SG-B	10/10/2020	7622609.1	706786.1	-42.2	USMPDI-023SG-B-201010			8.5
USMPDI-023SG-C	10/10/2020	7622624.5	706788.1	-42.2	USMPDI-023SG-C-201010			8.5

Table 2-1
Sampling Summary: Surface Sediment

Station ID	Collection Date	Actual Coordinates (NAD83ORNH)		Mudline Elevation (feet COP)	Sample ID	Centroid Coordinates (NAD83ORNH)		Distance from Centroid (feet)
		Easting (X)	Northing (Y)			Easting (X)	Northing (Y)	
USMPDI-024SG-A	4/13/2021	7622440.5	706563.2	2.87	USMPDI-024SG-A-210413			11.8
USMPDI-024SG-B	4/13/2021	7622442.7	706551.0	2.87	USMPDI-024SG-B-210413	7622446.004	706557.1745	19.1
USMPDI-024SG-C	4/13/2021	7622454.8	706557.3	2.87	USMPDI-024SG-C-210413			27.0
USMPDI-025SG-A	10/12/2020	7622512.0	706609.5	0.7	USMPDI-025SG-A-201012			9.2
USMPDI-025SG-B	10/12/2020	7622500.3	706620.1	0.7	USMPDI-025SG-B-201012	7622503.364	706611.945	10.1
USMPDI-025SG-C	10/12/2020	7622497.8	706606.2	0.7	USMPDI-025SG-C-201012			6.4
USMPDI-026SG-A	10/8/2020	7622597.3	706621.7	-9.6	USMPDI-026SG-A-201008			10.5
USMPDI-026SG-B	10/8/2020	7622583.7	706611.7	-9.6	USMPDI-026SG-B-201008	7622587.1	706619.52	8.8
USMPDI-026SG-C	10/8/2020	7622580.3	706625.2	-9.6	USMPDI-026SG-C-201008			8.5
USMPDI-027SG-A	10/7/2020	7622659.8	706676.5	-33.2	USMPDI-027SG-A-201007			8.0
USMPDI-027SG-B	10/7/2020	7622655.3	706665.6	-33.2	USMPDI-027SG-B-201007	7622653.515	706673.794	5.4
USMPDI-027SG-C	10/7/2020	7622645.4	706679.3	-33.2	USMPDI-027SG-C-201007			12.1
USMPDI-028SG-A	5/4/2021	7622438.6	706420.4	3.84	USMPDI-028SG-A-210504			3.3
USMPDI-028SG-B	5/4/2021	7622441.7	706406.9	3.84	USMPDI-028SG-B-210504	7622443.552	706413.9738	10.5
USMPDI-028SG-C	5/4/2021	7622450.4	706414.6	3.84	USMPDI-028SG-C-210504			11.4
USMPDI-029SG-A	4/14/2021	7622523.1	706481.3	3.4	USMPDI-029SG-A-210414			5.2
USMPDI-029SG-B	4/14/2021	7622537.0	706486.9	3.4	USMPDI-029SG-B-210414	7622530.926	706480.0187	10.2
USMPDI-029SG-C	4/14/2021	7622532.7	706471.9	3.4	USMPDI-029SG-C-210414			10.7
USMPDI-030SG-A	5/4/2021	7622451.7	706307.0	4.63	USMPDI-030SG-A-210504			12.1
USMPDI-030SG-B	5/4/2021	7622444.7	706319.3	4.63	USMPDI-030SG-B-210504	7622452.029	706315.252	4.3
USMPDI-030SG-C	5/4/2021	7622459.7	706319.5	4.63	USMPDI-030SG-C-210504			10.8
USMPDI-031SG-A	5/4/2021	7622530.3	706369.8	3.72	USMPDI-031SG-A-210504			10.8
USMPDI-031SG-B	5/4/2021	7622541.2	706380.4	3.72	USMPDI-031SG-B-210504	7622532.883	706377.4269	12.3
USMPDI-031SG-C	5/4/2021	7622527.2	706382.0	3.72	USMPDI-031SG-C-210504			2.4
USMPDI-033SG-A	10/8/2020	7622671.4	706494.3	-4.9	USMPDI-033SG-A-201008			9.5
USMPDI-033SG-B	10/8/2020	7622679.0	706506.3	-4.9	USMPDI-033SG-B-201008	7622679.768	706498.583	9.5
USMPDI-033SG-C	10/8/2020	7622688.9	706495.1	-4.9	USMPDI-033SG-C-201008			8.6
USMPDI-034SG-A	10/7/2020	7622759.3	706584.3	-31.8	USMPDI-034SG-A-201007			10.3
USMPDI-034SG-B	10/7/2020	7622758.9	706568.5	-31.8	USMPDI-034SG-B-201007	7622754.368	706575.925	7.4
USMPDI-034SG-C	10/7/2020	7622745.0	706575.0	-31.8	USMPDI-034SG-C-201007			10.1
USMPDI-035SG-A	5/4/2021	7622553.7	706202.6	4.49	USMPDI-035SG-A-210504			7.9
USMPDI-035SG-B	5/4/2021	7622566.1	706202.8	4.49	USMPDI-035SG-B-210504	7622558.719	706207.4957	13.3
USMPDI-035SG-C	5/4/2021	7622556.3	706217.1	4.49	USMPDI-035SG-C-210504			6.8
USMPDI-036SG-A	4/13/2021	7622648.1	706280.8	3.06	USMPDI-036SG-A-210413			27.7
USMPDI-036SG-B	4/13/2021	7622652.4	706294.6	3.06	USMPDI-036SG-B-210413	7622655.565	706286.447	32.1
USMPDI-036SG-C	4/13/2021	7622666.2	706283.9	3.06	USMPDI-036SG-C-210413			45.1
USMPDI-037SG-A	4/13/2021	7622639.4	706365.5	3.21	USMPDI-037SG-A-210413			12.7
USMPDI-037SG-B	4/13/2021	7622643.7	706381.2	3.21	USMPDI-037SG-B-210413	7622637.613	706372.4648	11.0
USMPDI-037SG-C	4/13/2021	7622629.7	706370.7	3.21	USMPDI-037SG-C-210413			7.3
USMPDI-038SG-A	10/8/2020	7622753.7	706446.4	-8.1	USMPDI-038SG-A-210413			8.4
USMPDI-038SG-B	10/8/2020	7622765.1	706456.5	-8.1	USMPDI-038SG-B-201008	7622761.887	706448.45	9.0
USMPDI-038SG-C	10/8/2020	7622766.8	706442.4	-8.1	USMPDI-038SG-C-201008			7.4
USMPDI-039SG-A	10/10/2020	7622870.6	706536.2	-39.7	USMPDI-039SG-A-201010			8.8
USMPDI-039SG-B	10/10/2020	7622879.5	706548.7	-39.7	USMPDI-039SG-B-201010	7622879.17	706540.804	8.4
USMPDI-039SG-C	10/10/2020	7622887.3	706537.5	-39.7	USMPDI-039SG-C-201010			9.4
USMPDI-040SG-A	10/7/2020	7622837.6	706438.6	-19.5	USMPDI-040SG-A-201007			9.3
USMPDI-040SG-B	10/7/2020	7622843.2	706454.9	-19.5	USMPDI-040SG-B-201007	7622844.652	706446.934	9.3
USMPDI-040SG-C	10/7/2020	7622853.2	706447.3	-19.5	USMPDI-040SG-C-201007			9.7
USMPDI-041SG-A	10/9/2020	7622729.5	706344.4	-1.6	USMPDI-041SG-A-201009			10.0
USMPDI-041SG-B	10/9/2020	7622744.6	706348.2	-1.6	USMPDI-041SG-B-201009	7622736.862	706342.363	8.7
USMPDI-041SG-C	10/9/2020	7622736.5	706334.5	-1.6	USMPDI-041SG-C-201009			7.4
USMPDI-042SG-A	10/9/2020	7622736.8	706224.4	-6.3	USMPDI-042SG-A-201009			10.1
USMPDI-042SG-B	10/9/2020	7622752.5	706220.3	-6.3	USMPDI-042SG-B-201009	7622746.606	706228.2	12.2
USMPDI-042SG-C	10/9/2020	7622750.5	706239.9	-6.3	USMPDI-042SG-C-201009			11.1
USMPDI-043SG-A	10/9/2020	7622835.8	706282.4	-6.5	USMPDI-043SG-A-201009			7.7
USMPDI-043SG-B	10/9/2020	7622822.9	706294.4	-6.5	USMPDI-043SG-B-201009	7622827.343	706285.929	10.0
USMPDI-043SG-C	10/9/2020	7622823.4	706281.0	-6.5	USMPDI-043SG-C-201009			8.1
USMPDI-044SG-A	10/8/2020	7622916.8	706308.2	-9.5	USMPDI-044SG-A-201008			8.6
USMPDI-044SG-B	10/8/2020	7622919.7	706322.7	-9.5	USMPDI-044SG-B-201008	7622922.5	706314.681	8.5
USMPDI-044SG-C	10/8/2020	7622931.0	706313.2	-9.5	USMPDI-044SG-C-201008			8.6
USMPDI-045SG-A	10/10/2020	7622966.2	706456.3	-37.5	USMPDI-045SG-A-201010			8.1
USMPDI-045SG-B	10/10/2020	7622957.5	706466.9	-37.5	USMPDI-045SG-B-201010	7622958.523	706458.347	8.6
USMPDI-045SG-C	10/10/2020	7622951.9	706451.8	-37.5	USMPDI-045SG-C-201010			9.0
USMPDI-046SG-A	10/7/2020	7623078.1	706428.2	-44.1	USMPDI-046SG-A-201007			9.6
USMPDI-046SG-B	10/7/2020	7623063.8	706435.9	-44.1	USMPDI-046SG-B-201007	7623073.301	706435.666	8.5
USMPDI-046SG-C	10/7/2020	7623078.1	706442.8	-44.1	USMPDI-046SG-C-201007			9.0
USMPDI-047SG-A	10/9/2020	7623082.9	706373.4	-37.4	USMPDI-047SG-A-201009			7.9
USMPDI-047SG-B	10/9/2020	7623068.4	706371.4	-37.4	USMPDI-047SG-B-201009	7623075.803	706367.727	9.7
USMPDI-047SG-C	10/9/2020	7623076.1	706358.4	-37.4	USMPDI-047SG-C-201009			9.4

Table 2-1
Sampling Summary: Surface Sediment

Station ID	Collection Date	Actual Coordinates (NAD83ORNH)		Mudline Elevation (feet COP)	Sample ID	Centroid Coordinates (NAD83ORNH)		Distance from Centroid (feet)
		Easting (X)	Northing (Y)			Easting (X)	Northing (Y)	
USMPDI-048SG-A	10/7/2020	7622980.4	706325.2	-15.7	USMPDI-048SG-A-201007			10.0
USMPDI-048SG-B	10/7/2020	7622997.0	706321.7	-15.7	USMPDI-048SG-B-201007	7622986.775	706318.741	10.1
USMPDI-048SG-C	10/7/2020	7622983.0	706309.3	-15.7	USMPDI-048SG-C-201007			9.9
USMPDI-049SG-A	10/8/2020	7622970.2	706218.5	-5.7	USMPDI-049SG-A-201008			9.1
USMPDI-049SG-B	10/8/2020	7622956.4	706214.0	-5.7	USMPDI-049SG-B-201008	7622960.837	706220.582	9.3
USMPDI-049SG-C	10/8/2020	7622955.9	706229.2	-5.7	USMPDI-049SG-C-201008			9.5
USMPDI-050SG-A	10/9/2020	7622880.5	706185.7	-7.9	USMPDI-050SG-A-201009			7.8
USMPDI-050SG-B	10/9/2020	7622878.8	706171.2	-7.9	USMPDI-050SG-B-201009	7622883.5	706177.555	9.2
USMPDI-050SG-C	10/9/2020	7622891.3	706175.7	-7.9	USMPDI-050SG-C-201009			7.9
USMPDI-051SG-A	10/9/2020	7622975.5	706090.1	-3.8	USMPDI-051SG-A-201009			11.1
USMPDI-051SG-B	10/9/2020	7622988.9	706080.0	-3.8	USMPDI-051SG-B-201009	7622979.42	706081.454	9.7
USMPDI-051SG-C	10/9/2020	7622973.8	706074.3	-3.8	USMPDI-051SG-C-201009			7.6
USMPDI-052SG-A	10/8/2020	7623023.6	706143.4	-3.7	USMPDI-052SG-A-201008			7.9
USMPDI-052SG-B	10/8/2020	7623013.5	706133.4	-3.7	USMPDI-052SG-B-201008	7623020.615	706134.807	8.8
USMPDI-052SG-C	10/8/2020	7623024.8	706127.6	-3.7	USMPDI-052SG-C-201008			8.7
USMPDI-053SG-A	10/8/2020	7623091.3	706168.9	-1.8	USMPDI-053SG-A-201008			5.3
USMPDI-053SG-B	10/8/2020	7623081.6	706158.2	-1.8	USMPDI-053SG-B-201008	7623083.692	706166.477	10.4
USMPDI-053SG-C	10/8/2020	7623078.2	706172.3	-1.8	USMPDI-053SG-C-201008			15.0
USMPDI-054SG-A	10/9/2020	7623179.4	706266.1	-34.3	USMPDI-054SG-A-201009			9.1
USMPDI-054SG-B	10/9/2020	7623195.1	706262.1	-34.3	USMPDI-054SG-B-201009	7623185.223	706260.708	9.9
USMPDI-054SG-C	10/9/2020	7623181.2	706253.9	-34.3	USMPDI-054SG-C-201009			7.0
USMPDI-055SG-A	10/6/2020	-	-	-45.3	USMPDI-055SG-A-201006			-
USMPDI-055SG-B	10/6/2020	7623185.6	706335.9	-45.3	USMPDI-055SG-B-201006	7623181.089	706342.067	9.4
USMPDI-055SG-C	10/6/2020	7623187.3	706350.4	-45.3	USMPDI-055SG-C-201006			11.1

Notes:

NAD83ORNH: North American Datum of 1983 Oregon North (Horizontal)

COP: City of Portland Vertical Datum

Table 2-2
Sampling Summary: Subsurface Sediment

Station ID	Collection Date	Attempt Accepted	Total Attempts	Mudline Elevation (feet COP)	Penetration Depth (feet)	Recovery Length (feet)	Recovery Percent (%)	Actual Coordinates (NAD83ORNH)		Distance from Target (feet)
								Easting (X)	Northing (Y)	
USMPDI-001SC	11/11/2020	1	3	-40.4	8.8	11	125%	7622035.347	707316.468	12.15
USMPDI-002SC	11/11/2020	1	1	-12.7	9	7	78%	7621947.825	707255.091	13.55
USMPDI-003SC	11/10/2020	2	6	-43.5	13.1	9.8	75%	7622120.939	707247.827	34.18
USMPDI-004SC	11/11/2020	1	1	-8.7	16.7	14.2	85%	7622033.075	707159.686	5.68
USMPDI-005SC	5/2/2021	1	2	0.85	8.6	7.3	85%	7621972.761	707146.5597	14.75
USMPDI-006SC	11/10/2020	2	2	-35	17.3	15.3	88%	7622185.231	707120.182	9.75
USMPDI-007SC	4/28/2021	3	3	-4.26	9.5	8.9	94%	7622053.302	707065.877	14.47
USMPDI-008SC	5/2/2021	1	3	-0.12	4.8	4.5	94%	7622014.309	707029.8898	49.68
USMPDI-009SC	11/12/2020	1	1	-7.2	19	18	95%	7622154.507	707014.644	3.52
USMPDI-010SC	5/2/2021	3	3	0.26	14	12	86%	7622155.183	706877.602	81.21
USMPDI-011SC	11/11/2020	1	1	-11	18.5	14.5	78%	7622217.934	706977.593	19.26
USMPDI-012SC	11/9/2020	1	1	-40.8	17.4	16.8	97%	7622302.139	707042.128	1.40
USMPDI-013SC	11/8/2020	1	1	-33.7	19	16.2	85%	7622342.818	706940.059	5.01
USMPDI-014SC	11/9/2020	1	1	-3.2	19	18	95%	7622249.493	706885.518	2.14
USMPDI-015SC	5/1/2021	1	1	2.63	9	8.5	94%	7622167.222	706820.1178	5.43
USMPDI-016SC	5/1/2021	1	1	2.76	12.7	1.5	12%	7622238.807	706754.2776	3.04
USMPDI-017SC	4/29/2021	1	1	-5.17	19	18.7	98%	7622375.01	706770.5197	6.42
USMPDI-018SC	11/8/2020	1	1	-26.8	19	18.9	99%	7622422.809	706824.121	3.91
USMPDI-019SC	5/2/2021	1	1	2.86	14	12.4	89%	7622295.184	706663.94	12.73
USMPDI-020SC	4/29/2021	1	1	0.05	19	18	95%	7622418.3	706701.2205	9.57
USMPDI-021SC	11/7/2020	1	1	-40.2	18.8	16.2	86%	7622537.242	706825.801	2.14
USMPDI-022SC	11/8/2020	1	1	-29.5	19	16.8	88%	7622530.882	706750.584	4.81
USMPDI-023SC	11/7/2020	1	1	-41.8	19	17.3	91%	7622610.635	706778.733	8.32
USMPDI-024SC	4/30/2021	1	1	2.94	11.8	10.7	91%	7622445.427	706556.9865	18.14
USMPDI-025SC	4/28/2021	1	1	0.02	18.4	15.7	85%	7622508.502	706614.1886	6.92
USMPDI-026SC	11/6/2020	1	1	-10.1	18.8	17.6	94%	7622586.187	706621.989	2.24
USMPDI-027SC	11/6/2020	1	1	-36.1	19	19.1	101%	7622652.076	706673.616	3.38
USMPDI-028SC	5/4/2021	1	1	3.99	7	6.7	96%	7622444.829	706414.1424	6.28
USMPDI-029SC	4/30/2021	1	1	3.38	14	12.8	91%	7622529.948	706481.06	1.72
USMPDI-030SC	5/3/2021	1	1	4.65	6.8	6	88%	7622451.497	706316.6857	3.26
USMPDI-031SC	5/4/2021	1	1	3.84	7	6.3	90%	7622534.339	706378.1959	5.85
USMPDI-033SC	4/27/2021	1	1	-5.83	19	16	84%	7622685.33	706496.1578	4.90
USMPDI-034SC	11/6/2020	1	1	-33.9	19	17.6	93%	7622757.396	706577.652	3.58
USMPDI-035SC	5/4/2021	1	1	4.66	7	6.1	87%	7622559.413	706207.272	5.22
USMPDI-036SC	5/1/2021	1	1	3.26	14	12.7	91%	7622655.11	706286.0548	33.98
USMPDI-037SC	5/1/2021	1	1	3.4	14	12.7	91%	7622633.247	706374.2093	2.66
USMPDI-038SC	11/3/2020	1	1	-8	18.7	15.9	85%	7622761.415	706446.846	1.31
USMPDI-039SC	11/4/2020	1	1	-39.3	19	17.1	90%	7622881.022	706540.776	2.63
USMPDI-040SC	11/3/2020	1	1	-21.4	18.7	15.2	81%	7622847.672	706447.457	4.40
USMPDI-041SC	4/27/2021	1	1	-1.91	19	16.5	87%	7622744.111	706338.8799	5.64
USMPDI-042SC	11/5/2020	1	1	-5.4	19	15.8	83%	7622740.675	706224.926	6.83

Table 2-2
Sampling Summary: Subsurface Sediment

Station ID	Collection Date	Attempt Accepted	Total Attempts	Mudline Elevation (feet COP)	Penetration Depth (feet)	Recovery Length (feet)	Recovery Percent (%)	Actual Coordinates (NAD83ORNH)		Distance from Target (feet)
								Easting (X)	Northing (Y)	
USMPDI-043SC	11/5/2020	1	1	-6.6	19	15.8	83%	7622828.182	706285.687	1.41
USMPDI-044SC	11/4/2020	1	1	-10.6	19	17.8	94%	7622922.141	706317.123	2.57
USMPDI-045SC	10/30/2020	2	2	-39.2	19	18.2	96%	7622964.281	706465.493	9.39
USMPDI-046SC	10/29/2020	1	1	-43.2	19	19.1	101%	7623069.343	706437.017	3.12
USMPDI-047SC	10/30/2020	1	1	-37.7	19	19.1	101%	7623077.197	706366.254	1.51
USMPDI-048SC	11/3/2020	1	1	-12.7	19	17.6	93%	7622990.014	706317.046	2.71
USMPDI-049SC	11/4/2020	1	1	-5.8	19	16.7	88%	7622959.48	706218.176	4.10
USMPDI-050SC	11/5/2020	3	3	-8.2	19	17.1	90%	7622891.711	706190.894	14.41
USMPDI-051SC	4/30/2021	3	3	-3.78	13.1	11.2	85%	7622970.05	706083.9104	10.16
USMPDI-052SC	4/28/2021	1	1	-3.5	17.4	13.4	77%	7623026.035	706132.19	5.46
USMPDI-053SC	4/28/2021	1	1	-1.4	15.3	14	92%	7623087.082	706162.7031	3.49
USMPDI-054SC	10/29/2020	1	1	-35	19	17	89%	7623184.441	706262.943	3.69
USMPDI-055SC	10/28/2020	1	1	-44.7	19	17.3	91%	7623179.503	706346.391	3.63
USMPDI-056SC	11/7/2020	1	1	-40.9	19	17.7	93%	7622447.706	706905.494	2.33
USMPDI-057SC	11/9/2020	1	1	-18.2	19	14.5	76%	7622550.097	706690.481	4.99

Notes:
NAD83ORNH: North American Datum of 1983 Oregon North (Horizontal)
COP: City of Portland Vertical Datum

Table 2-3
Sampling Summary: Riverbank Surface Soil

Station ID	Collection Date	Actual Coordinates (NAD83ORNH)		Sample ID
		Easting (X)	Northing (Y)	
USMPDI-073SS	3/21/2021	7622016.74	706879.3	USMPDI-073SS-A
USMPDI-073SS	3/21/2021	7622016.74	706879.3	USMPDI-073SS-B
USMPDI-077SS	3/30/2021	7622364.79	706412.49	USMPDI-077SS-A
USMPDI-077SS	3/30/2021	7622364.79	706412.49	USMPDI-077SS-B

Notes:

NAD83ORNH: North American Datum of 1983 Oregon North (Horizontal)

COP: City of Portland Vertical Datum

Table 2-4
Sampling Summary: Riverbank Angled Boring Soil

Station ID	Collection Date	Elevation (feet COP)	Total Depth (feet)	Actual Coordinates (NAD83ORNH)	
				Easting (X)	Northing (Y)
USMPDI-058RAB	3/17/2021	28.87	26.2	7621880.43	707100.29
USMPDI-059RAB	3/18/2021	31.79	25.5	7621892.08	706966.9
USMPDI-060RAB	3/17/2021	31.35	28.1	7621992.72	706862.83
USMPDI-061RAB	3/8/2021	29.66	25.5	7622099.45	706750.77
USMPDI-062RAB	3/9/2021	29.36	25	7622208.05	706659.45
USMPDI-063RAB	3/10/2021	28.34	24.7	7622338.28	706535.8
USMPDI-064RAB	3/10/2021	27.45	23.3	7622318.6	706400.29
USMPDI-066RAB	3/15/2021	27.92	22.5	7622415.38	706208.5
USMPDI-067RAB	3/16/2021	27.49	21.9	7622582.05	706076.3
USMPDI-068RAB	3/11/2021	27.61	32.1	7622687.04	706121.14
USMPDI-069RAB	3/12/2021	28.03	36.3	7622829.5	706077.39

Notes:

NAD83ORNH: North American Datum of 1983 Oregon North (Horizontal)

COP: City of Portland Vertical Datum

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012	
				Sample Date	11/11/2020	10/11/2020	11/11/2020	10/12/2020
				Depth	0 - 1 ft	0 - 10.8 in	0 - 1 ft	0 - 8.3 in
				Sample Type	N	N	N	N
				Easting	7622035.347	7622030.11	7621947.825	7621937.364
				Northing	707316.468	707307.508	707255.091	707267.762
Conventional Parameters (unitless)								
Liquid limit	D4318			--	--	--	--	
Plastic limit	D4318			--	--	--	--	
Plasticity index	D4318			--	--	--	--	
Specific gravity	D854			--	--	--	--	
Conventional Parameters (mg/kg)								
Cyanide	D7511-12			--	1.21 J	--	0.786	
Conventional Parameters (pct)								
Moisture (water) content	D2216			--	--	--	--	
Total organic carbon	SM5310BM			--	2.3	--	1.1	
Total Solids	SM2540G			--	40.8	--	62.5	
Conventional Parameters (lb/ft³)								
Density (bulk)	D7263			--	--	--	--	
Density (dry)	D7263			--	--	--	--	
Grain Size (pct)								
Gravel	D6913			--	--	--	--	
Sand	D6913			--	--	--	--	
Total fines (Reported, not calculated)	D6913			--	--	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--	
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			598	63	1380	422	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			74.1	6.4	295	10.7 J	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012
				Sample Date 11/11/2020	10/11/2020	11/11/2020	10/12/2020
				Depth 0 - 1 ft	0 - 10.8 in	0 - 1 ft	0 - 8.3 in
				Sample Type N	N	N	N
				Easting 7622035.347	7622030.11	7621947.825	7621937.364
				Northing 707316.468	707307.508	707255.091	707267.762
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			31.4	9.8 J	206	13.2 J
1-Methylphenanthrene	SW8270ESIM			370	36.6	2060	111
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			45.1	7.1	1090	24.0 J
2,6-Dimethylnaphthalene	SW8270ESIM			23.6	7.5	743	11.2 J
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			72.4	15.6	501	19.4 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			932	42	7220	338
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			181	47.7 J	359	279 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			889	138	4470	268
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			2710	295	6090	1420
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			5500	447	8260	2240
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			2760	316	3460	1580
Benzo(e)pyrene	SW8270ESIM			3190	339	4570	1490
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			5160 J	422	6070	1690
Benzo(j)fluoranthene	SW8270ESIM			1840	183	3230	795
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1400	185	2800	689
Benzothiophene	SW8270ESIM			29.7	2.8 J	77.3	4.4 J
Carbazole	SW8270ESIM			28	9.4	164	61.8
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			3630	368	7720	1790
Decalin, cis-	SW8270ESIM			5.0 UJ	5.0 UJ	25.0 UJ	24.9 UJ
Decalin, trans-	SW8270ESIM			13.2 J	5.0 UJ	137 J	24.9 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			417	56.9	839	180

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012	
				Sample Date	11/11/2020	10/11/2020	11/11/2020	10/12/2020
				Depth	0 - 1 ft	0 - 10.8 in	0 - 1 ft	0 - 8.3 in
				Sample Type	N	N	N	N
				Easting	7622035.347	7622030.11	7621947.825	7621937.364
				Northing	707316.468	707307.508	707255.091	707267.762
Dibenzofuran	SW8270ESIM			35.6	9.1	695	97.1	
Dibenzothiophene	SW8270ESIM			705	23.1	3190	59.4	
Fluoranthene	SW8270E			--	--	--	--	
Fluoranthene	SW8270ESIM			10500	515	27100	3670	
Fluorene	SW8270E			--	--	--	--	
Fluorene	SW8270ESIM			557	36.7	5090	279	
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--	
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			3510	341	3720	1210	
Naphthalene	SW8270E		140000	--	--	--	--	
Naphthalene	SW8270ESIM		140000	418	33.1	1030	61.1	
Perylene	SW8270ESIM			1670	173	2010	681	
Phenanthrene	SW8270E			--	--	--	--	
Phenanthrene	SW8270ESIM			7990	267	38700	645	
Pyrene	SW8270E			--	--	--	--	
Pyrene	SW8270ESIM			13100	578	30200	4530	
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				6000 T	684 T	9500 T	3060 T	
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	6800 T	601 T	10000 T	2800 T	
PH-ROD Total HPAH (U = 1/2 max limit)				51000 JT	3710 T	99000 T	20000 T	
PH-ROD Total LPAH (U = 1/2 max limit)				11000 T	580 JT	57400 T	1890 JT	
PH-ROD Total PAH (U = 1/2 max limit)		30000		62000 JT	4290 JT	160000 T	22000 JT	
C1-Benzanthracenes/Chrysenes	SW8270ESIM			917	261	3630	1320	
C1-Benzo(b)thiophene	SW8270ESIM			15.7	4.0 J	154	13.1 J	
C1-Decalins	SW8270ESIM			160	5.0 U	1310	129	
C1-Dibenz(a,h)anthracenes	SW8270ESIM			277	77.9	899	228	
C1-Dibenzothiophenes	SW8270ESIM			407	36.2	2400	186	
C1-Fluoranthenes/Pyrenes	SW8270ESIM			2620	324	7500	2100	
C1-Fluorenes	SW8270ESIM			480	30.9	3010	123	
C1-Naphthalenes	SW8270ESIM			90.6	21.5	609	37.4	
C1-Naphthobenzothiophenes	SW8270ESIM			401	63.5	1080	315	
C1-Phenanthrenes/Anthracenes	SW8270ESIM			1550	176	9980	507	
C2-Benzanthracenes/Chrysenes	SW8270ESIM			311	128	1670	1780	
C2-Benzo(b)thiophene	SW8270ESIM			35.6	7.6	1070	22.8 J	
C2-Decalins	SW8270ESIM			358	50.8	2170	308	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			11/11/2020	10/11/2020	11/11/2020	10/12/2020
C2-Dibenzothiophenes	SW8270ESIM			0 - 1 ft	0 - 10.8 in	0 - 1 ft	0 - 8.3 in
C2-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N	N
C2-Fluorenes	SW8270ESIM			7622035.347	7622030.11	7621947.825	7621937.364
C2-Naphthalenes	SW8270ESIM			707316.468	707307.508	707255.091	707267.762
C2-Naphthobenzothiophenes	SW8270ESIM						
C2-Phenanthrenes/Anthracenes	SW8270ESIM						
C3-Benzanthracenes/Chrysenes	SW8270ESIM						
C3-Benzo(b)thiophene	SW8270ESIM			108	13.8	302	222
C3-Decalins	SW8270ESIM			297	56.3	2240	247
C3-Dibenz(a,h)anthracenes	SW8270ESIM			643	180	2910	1340
C3-Dibenzothiophenes	SW8270ESIM			245	43.5	2760	197
C3-Fluoranthenes/Pyrenes	SW8270ESIM			185	41.7	6410	93.9
C3-Fluorenes	SW8270ESIM			161	51.8	532	798
C3-Naphthalenes	SW8270ESIM			708	175	5750	679
C3-Naphthobenzothiophenes	SW8270ESIM			108	66.4	643	1500
C3-Phenanthrenes/Anthracenes	SW8270ESIM			63.6	5.0 U	1790	24.9 U
C4-Benzanthracenes/Chrysenes	SW8270ESIM			231	32.2	1220	292
C4-Decalins	SW8270ESIM			20.1	11.4	72.5	215
C4-Dibenzothiophenes	SW8270ESIM			188	64.7	1600	314
C4-Fluoranthenes/Pyrenes	SW8270ESIM			269	105	1480	1910
C4-Fluorenes	SW8270ESIM			178	57.4	2650	188
C4-Naphthalenes	SW8270ESIM			338	54	8620	119
C4-Naphthobenzothiophenes	SW8270ESIM			385	35.7	578	738
C4-Phenanthrenes/Anthracenes	SW8270ESIM			354	136	3060	1150
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	4.77 U	--	2.99 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	4.77 U	--	2.99 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	4.77 U	--	2.99 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	4.77 U	--	5.99 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	4.77 U	--	2.99 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	4.77 U	--	2.99 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	4.77 UT	--	2.99 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	4.77 UT	--	5.99 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	4.77 UT	--	5.99 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	4.77 UT	--	2.99 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	4.77 UT	--	2.99 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	4.77 UT	--	5.99 UT
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000460 U	--	0.000169 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.00124 U	--	0.000646 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00185 U	--	0.00133 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00288 J	--	0.0145
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00225 U	--	0.0032
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.107	--	0.412
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	1.05	--	3.75
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.000460 U	--	0.00350 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00121 J	--	0.00787 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0198 J	--	0.115
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.264	--	0.979
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.00687	--	0.00317
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00734 J	--	0.00523
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00477 J	--	0.00453
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0156	--	0.0155
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00458	--	0.00449
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00150 U	--	0.00144 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000245 J	--	0.00337
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0217	--	0.0419
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00152 U	--	0.00589
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0499	--	0.07
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0116 J	--	0.0138
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0263 J	--	0.0346
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0455 J	--	0.0970 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0585	--	0.128

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0160 JT	--	0.0133 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00701 JT	--	0.00809 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00742 JT	--	0.0128 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	1.28 JT	--	4.34 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	0.0166	--	0.0066
PCB-002	E1668A			--	0.0127	--	0.00979
PCB-003	E1668A			--	0.0067	--	0.00927
PCB-004/010	E1668A			--	0.0252	--	0.0191
PCB-005/008	E1668A			--	0.0415	--	0.0444
PCB-006	E1668A			--	0.0095	--	0.000499 U
PCB-007/009	E1668A			--	0.000678 U	--	0.00545 J
PCB-011	E1668A			--	0.0592	--	0.0333
PCB-012/013	E1668A			--	0.00377 J	--	0.00779 J
PCB-014	E1668A			--	0.000652 U	--	0.000528 U
PCB-015	E1668A			--	0.0422	--	0.0498
PCB-016/032	E1668A			--	0.0471	--	0.0585
PCB-017	E1668A			--	0.0384	--	0.0426
PCB-018	E1668A			--	0.0617	--	0.0773
PCB-019	E1668A			--	0.0223	--	0.0274
PCB-020/021/033	E1668A			--	0.0651	--	0.0921
PCB-022	E1668A			--	0.0392	--	0.0457

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			--	0.000484 U	--	0.000363 U
PCB-024/027	E1668A			--	0.00805 J	--	0.00968
PCB-025	E1668A			--	0.0155	--	0.0175
PCB-026	E1668A			--	0.0259	--	0.029
PCB-028	E1668A			--	0.147	--	0.164
PCB-029	E1668A			--	0.000522 J	--	0.00115 J
PCB-030	E1668A			--	0.000252 U	--	0.000297 U
PCB-031	E1668A			--	0.126	--	0.12
PCB-034	E1668A			--	0.000999 J	--	0.00165 J
PCB-035	E1668A			--	0.00302 J	--	0.00362 J
PCB-036	E1668A			--	0.000394 U	--	0.000314 U
PCB-037	E1668A			--	0.0513	--	0.0669
PCB-038	E1668A			--	0.00245 J	--	0.00314 J
PCB-039	E1668A			--	0.000429 U	--	0.000896 J
PCB-040	E1668A			--	0.0319	--	0.0511
PCB-041/064/071/072	E1668A			--	0.147	--	0.222
PCB-042/059	E1668A			--	0.0546	--	0.0824
PCB-043/049	E1668A			--	0.197	--	0.244
PCB-044	E1668A			--	0.175	--	0.24
PCB-045	E1668A			--	0.0218	--	0.0351
PCB-046	E1668A			--	0.0109	--	0.0167
PCB-047	E1668A			--	0.129	--	0.118
PCB-048/075	E1668A			--	0.0271	--	0.0382
PCB-050	E1668A			--	0.00135 J	--	0.00172 J
PCB-051	E1668A			--	0.0276	--	0.0226
PCB-052/069	E1668A			--	0.27	--	0.304
PCB-053	E1668A			--	0.0399	--	0.048
PCB-054	E1668A			--	0.005	--	0.00417 J
PCB-055	E1668A			--	0.00302 J	--	0.00432
PCB-056/060	E1668A			--	0.12	--	0.156
PCB-057	E1668A			--	0.00141 J	--	0.00183 J
PCB-058	E1668A			--	0.00168 J	--	0.00158 J
PCB-061/070	E1668A			--	0.269	--	0.285

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			--	0.000456 U	--	0.000331 U
PCB-063	E1668A			--	0.00891	--	0.0116
PCB-065	E1668A			--	0.000401 U	--	0.000296 U
PCB-066/076	E1668A			--	0.222	--	0.273
PCB-067	E1668A			--	0.00495	--	0.00693
PCB-068	E1668A			--	0.00358 J	--	0.00420 J
PCB-073	E1668A			--	0.00120 J	--	0.00126 J
PCB-074	E1668A			--	0.0904	--	0.118
PCB-077	E1668A			--	0.0255	--	0.032
PCB-078	E1668A			--	0.00109 J	--	0.00138 J
PCB-079	E1668A			--	0.00499	--	0.00646
PCB-080	E1668A			--	0.000323 U	--	0.000231 U
PCB-081	E1668A			--	0.00235 J	--	0.00171 J
PCB-082	E1668A			--	0.0452	--	0.0546
PCB-083	E1668A			--	0.000317 U	--	0.000279 U
PCB-084/092	E1668A			--	0.202	--	0.237
PCB-085/116	E1668A			--	0.0665	--	0.0702
PCB-086	E1668A			--	0.000520 U	--	0.00183 J
PCB-087/117/125	E1668A			--	0.146	--	0.142
PCB-088/091	E1668A			--	0.0756	--	0.0912
PCB-089	E1668A			--	0.00332 J	--	0.00422 J
PCB-090/101	E1668A			--	0.523	--	0.549
PCB-093	E1668A			--	0.000549 U	--	0.000489 U
PCB-094	E1668A			--	0.00352 J	--	0.00432 J
PCB-095/098/102	E1668A			--	0.332	--	0.365
PCB-096	E1668A			--	0.00439 J	--	0.00541
PCB-097	E1668A			--	0.125	--	0.128
PCB-099	E1668A			--	0.204	--	0.249
PCB-100	E1668A			--	0.0155	--	0.00878
PCB-103	E1668A			--	0.0113	--	0.0142
PCB-104	E1668A			--	0.00159 J	--	0.000365 J
PCB-105	E1668A			--	0.161	--	0.155
PCB-106/118	E1668A			--	0.407	--	0.431

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			--	0.0315	--	0.0358
PCB-108/112	E1668A			--	0.0199	--	0.021
PCB-110	E1668A			--	0.463	--	0.537
PCB-111/115	E1668A			--	0.00502 J	--	0.00736 J
PCB-113	E1668A			--	0.000334 U	--	0.00173 J
PCB-114	E1668A			--	0.00712 J	--	0.00712 J
PCB-119	E1668A			--	0.0161	--	0.0202
PCB-120	E1668A			--	0.00203 J	--	0.00375 J
PCB-121	E1668A			--	0.000300 U	--	0.000254 U
PCB-122	E1668A			--	0.00476 J	--	0.00507 J
PCB-123	E1668A			--	0.00487 J	--	0.00663
PCB-124	E1668A			--	0.0144	--	0.0197
PCB-126	E1668A			--	0.00247 J	--	0.00326 J
PCB-127	E1668A			--	0.000698 U	--	0.000431 U
PCB-128/162	E1668A			--	0.0856	--	0.0983
PCB-129	E1668A			--	0.0226	--	0.0237
PCB-130	E1668A			--	0.0409	--	0.054
PCB-131/133	E1668A			--	0.021	--	0.0256
PCB-132/161	E1668A			--	0.146	--	0.2
PCB-134/143	E1668A			--	0.032	--	0.0372
PCB-135	E1668A			--	0.0706	--	0.108
PCB-136	E1668A			--	0.0872	--	0.104
PCB-137	E1668A			--	0.0215 J	--	0.0242
PCB-138/163/164	E1668A			--	0.594	--	0.796
PCB-139/149	E1668A			--	0.44	--	0.68
PCB-140	E1668A			--	0.00480 J	--	0.00752
PCB-141	E1668A			--	0.108	--	0.169
PCB-142	E1668A			--	0.000820 U	--	0.000558 U
PCB-144	E1668A			--	0.0264	--	0.0291 J
PCB-145	E1668A			--	0.000187 U	--	0.000135 U
PCB-146/165	E1668A			--	0.108	--	0.158
PCB-147	E1668A			--	0.0181	--	0.0174
PCB-148	E1668A			--	0.00185 J	--	0.00369 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			--	0.00245 J	--	0.00397 J
PCB-151	E1668A			--	0.148	--	0.217
PCB-152	E1668A			--	0.000802 J	--	0.000943 J
PCB-153	E1668A			--	0.592	--	0.854
PCB-154	E1668A			--	0.0177	--	0.0258
PCB-155	E1668A			--	0.000446 J	--	0.000457 J
PCB-156	E1668A			--	0.0526	--	0.0574
PCB-157	E1668A			--	0.0109 J	--	0.0136
PCB-158/160	E1668A			--	0.0589	--	0.075
PCB-159	E1668A			--	0.000493 U	--	0.000348 U
PCB-166	E1668A			--	0.00191 J	--	0.00142 J
PCB-167	E1668A			--	0.021	--	0.0288
PCB-168	E1668A			--	0.000870 J	--	0.00166 J
PCB-169	E1668A			--	0.000581 U	--	0.000407 U
PCB-170	E1668A			--	0.165	--	0.324
PCB-171	E1668A			--	0.0455	--	0.0889
PCB-172	E1668A			--	0.0268	--	0.0575
PCB-173	E1668A			--	0.00397 J	--	0.00681
PCB-174	E1668A			--	0.159	--	0.389
PCB-175	E1668A			--	0.00708	--	0.0152
PCB-176	E1668A			--	0.0204	--	0.0451
PCB-177	E1668A			--	0.106	--	0.225
PCB-178	E1668A			--	0.0389	--	0.076
PCB-179	E1668A			--	0.0778	--	0.167
PCB-180	E1668A			--	0.381	--	0.834
PCB-181	E1668A			--	0.000530 U	--	0.00103 J
PCB-182/187	E1668A			--	0.229	--	0.461
PCB-183	E1668A			--	0.0962	--	0.195
PCB-184	E1668A			--	0.000532 J	--	0.000410 J
PCB-185	E1668A			--	0.0197	--	0.0433
PCB-186	E1668A			--	0.000447 U	--	0.000284 U
PCB-188	E1668A			--	0.000891 J	--	0.00153 J
PCB-189	E1668A			--	0.00599	--	0.0114

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012	
				Sample Date	11/11/2020	10/11/2020	11/11/2020	10/12/2020
				Depth	0 - 1 ft	0 - 10.8 in	0 - 1 ft	0 - 8.3 in
				Sample Type	N	N	N	N
				Easting	7622035.347	7622030.11	7621947.825	7621937.364
				Northing	707316.468	707307.508	707255.091	707267.762
PCB-190	E1668A			--	0.0327	--	0.0675	
PCB-191	E1668A			--	0.0056	--	0.0134	
PCB-192	E1668A			--	0.000428 U	--	0.000352 U	
PCB-193	E1668A			--	0.02	--	0.0438	
PCB-194	E1668A			--	0.0881	--	0.197	
PCB-195	E1668A			--	0.0355	--	0.0797	
PCB-196/203	E1668A			--	0.101	--	0.249	
PCB-197	E1668A			--	0.00269 J	--	0.00826 J	
PCB-198	E1668A			--	0.0118	--	0.00993 J	
PCB-199	E1668A			--	0.085	--	0.228	
PCB-200	E1668A			--	0.00969 J	--	0.0293	
PCB-201	E1668A			--	0.0133	--	0.0312	
PCB-202	E1668A			--	0.0211	--	0.0432	
PCB-204	E1668A			--	0.000361 J	--	0.000151 U	
PCB-205	E1668A			--	0.00449 J	--	0.00933	
PCB-206	E1668A			--	0.0672	--	0.0938	
PCB-207	E1668A			--	0.00824	--	0.0141	
PCB-208	E1668A			--	0.0215	--	0.0282	
PCB-209	E1668A			--	0.0956	--	0.093	
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	0.0360 T	--	0.0257 T	
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	0.182 JT	--	0.160 JT	
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	0.655 JT	--	0.76 JT	
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	1.9 JT	--	2.3 JT	
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	2.90 JT	--	3.18 JT	
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	2.7 JT	--	3.8 JT	
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	1.44 JT	--	3.07 JT	
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	0.373 JT	--	0.885 JT	
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0969 T	--	0.136 T	
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0956 T	--	0.0930 T	
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.00178 JT	--	0.00213 JT	
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0000194 JT	--	0.0000239 JT	
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.000279 JT	--	0.000357 JT	
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	10 JT	--	14 JT	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SG	USMPDI-002SC-A	USMPDI-002SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-00-01-201111	USMPDI-001SG-201011	USMPDI-002SC-A-00-01-201111	USMPDI-002SG-201012
				11/11/2020	10/11/2020	11/11/2020	10/12/2020
				0 - 1 ft	0 - 10.8 in	0 - 1 ft	0 - 8.3 in
				N	N	N	N
				7622035.347	7622030.11	7621947.825	7621937.364
				707316.468	707307.508	707255.091	707267.762
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			242	120 U	755	80.0 U
Motor oil range hydrocarbons	NWTPHDx			373	239 U	792	160 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
		10/11/2020	0 - 9.7 in	N	7622116.418	707213.885	
		11/11/2020	0 - 1 ft	N	7622033.075	707159.686	
		10/12/2020	0 - 9.8 in	N	7622038.711	707157.315	
		11/10/2020	0 - 1 ft	N	7622185.231	707120.182	
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			1.18 J	--	1.06	--
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			2.2	--	2	--
Total Solids	SM2540G			42.8	--	47.1	--
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	120	56.6	110
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	20.5	7.5	36.6

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			--	22.4	7.0 J	40.8
1-Methylphenanthrene	SW8270ESIM			--	75.6	33.4	82.9
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	16.1	6.8	20.8 J
2,6-Dimethylnaphthalene	SW8270ESIM			--	21	7.3	52.5
2-Methylnaphthalene	SW8270E			564 U	--	--	--
2-Methylnaphthalene	SW8270ESIM			--	43.5	15	99.6
Acenaphthene	SW8270E			564 U	--	--	--
Acenaphthene	SW8270ESIM			--	194	56.6	152
Acenaphthylene	SW8270E			564 U	--	--	--
Acenaphthylene	SW8270ESIM			--	55.4	36.2 J	82.8
Anthracene	SW8270E			564 U	--	--	--
Anthracene	SW8270ESIM			--	127	63.6	171
Benzo(a)anthracene	SW8270E			444 J	--	--	--
Benzo(a)anthracene	SW8270ESIM			--	442	248	628
Benzo(a)pyrene	SW8270E			749	--	--	--
Benzo(a)pyrene	SW8270ESIM			--	776	407	912
Benzo(b)fluoranthene	SW8270E			634	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	478	272	588
Benzo(e)pyrene	SW8270ESIM			--	495	275	621
Benzo(g,h,i)perylene	SW8270E			553 J	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	725	380	916
Benzo(j)fluoranthene	SW8270ESIM			--	340	145	348
Benzo(j,k)fluoranthene	SW8270E			564 U	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	332	140	298
Benzothiophene	SW8270ESIM			--	8.3	3.1 J	20.9 J
Carbazole	SW8270ESIM			--	48.2	8.9	33.6
Chrysene	SW8270E			489 J	--	--	--
Chrysene	SW8270ESIM			--	559	306	677
Decalin, cis-	SW8270ESIM			--	5.0 UJ	5.0 UJ	25.0 U
Decalin, trans-	SW8270ESIM			--	1.6 J	5.0 UJ	25.0 U
Dibenzo(a,h)anthracene	SW8270E			564 U	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	105	46.9	93.8

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			--	34.2	13.6	43.8
Dibenzothiophene	SW8270ESIM			--	65.9	23.9	81.1
Fluoranthene	SW8270E			927	--	--	--
Fluoranthene	SW8270ESIM			--	1400	491	1270
Fluorene	SW8270E			564 U	--	--	--
Fluorene	SW8270ESIM			--	157	46.4	136
Indeno(1,2,3-c,d)pyrene	SW8270E			478 J	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	513	264	639
Naphthalene	SW8270E		140000	564 U	--	--	--
Naphthalene	SW8270ESIM		140000	--	116	37.8	291
Perylene	SW8270ESIM			--	279	163	435
Phenanthrene	SW8270E			544 J	--	--	--
Phenanthrene	SW8270ESIM			--	854	231	816
Pyrene	SW8270E			1010	--	--	--
Pyrene	SW8270ESIM			--	1340	535	1420
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				916 T	1200 T	560 T	1230 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1190 JT	1030 T	530 T	1190 T
PH-ROD Total HPAH (U = 1/2 max limit)				5850 JT	7000 T	3200 T	7790 T
PH-ROD Total LPAH (U = 1/2 max limit)				2240 JT	1550 T	487 JT	1750 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		8080 JT	8600 T	3700 JT	9540 T
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	457	259	25.0 U
C1-Benzo(b)thiophene	SW8270ESIM			--	9.2	4.8 J	24.2 J
C1-Decalins	SW8270ESIM			--	17.2	34.3	47.7
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	204	86.1	133
C1-Dibenzothiophenes	SW8270ESIM			--	59.6	36.9	77.8
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	612	323	628
C1-Fluorenes	SW8270ESIM			--	85.1	39.8	77.8
C1-Naphthalenes	SW8270ESIM			--	55.6	22.8	146
C1-Naphthobenzothiophenes	SW8270ESIM			--	99.3	50.5	154
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	351	150	340
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	246	162	240
C2-Benzo(b)thiophene	SW8270ESIM			--	17.2	9.1	26.6
C2-Decalins	SW8270ESIM			--	51.5	49.3	110

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	40.1	38.1	73.2
C2-Dibenzothiophenes	SW8270ESIM			--	79.7	54	104
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	273	168	272
C2-Fluorenes	SW8270ESIM			--	72.3	46.9	105
C2-Naphthalenes	SW8270ESIM			--	91.6	50.1	152
C2-Naphthobenzothiophenes	SW8270ESIM			--	82.2	58.9	93.4
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	275	154	339
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	129	82.2	155
C3-Benzo(b)thiophene	SW8270ESIM			--	20	11.3	25.0 U
C3-Decalins	SW8270ESIM			--	38.8	27.6	69.4
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	21.3	14.8	20.0 J
C3-Dibenzothiophenes	SW8270ESIM			--	78.6	57.5	117
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	187	132	227
C3-Fluorenes	SW8270ESIM			--	83.7	45.1	126
C3-Naphthalenes	SW8270ESIM			--	127	51.9	125
C3-Naphthobenzothiophenes	SW8270ESIM			--	101	46.7	25.0 U
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	207	124	244
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	45.5	40.2	60.7
C4-Decalins	SW8270ESIM			--	58.5	65.1	129
C4-Dibenzothiophenes	SW8270ESIM			--	46.5	38.3	61.7
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	183	110	185
C4-Naphthalenes	SW8270ESIM			--	69	47.3	84.5
C4-Naphthobenzothiophenes	SW8270ESIM			--	13.4	8.8	13.4 J
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	110	89.6	104
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			4.69 U	--	4.07 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			4.47 U	--	4.07 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			4.47 U	--	4.07 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			8.87 J	--	8	--
4,4'-DDE (p,p'-DDE)	SW8081B			4.47 U	--	4.07 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			4.47 U	--	4.07 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.69 UT	--	4.07 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				13.3 JT	--	12.1 T	--
PH-ROD Sum DDD (U = 1/2 max limit)				11.2 JT	--	10.0 T	--
PH-ROD Sum DDE (U = 1/2 max limit)				4.47 UT	--	4.07 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				4.47 UT	--	4.07 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	20.2 JT	--	18.2 T	--
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000483 U	--	0.000169 J	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00111 J	--	0.000524 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00128 U	--	0.000733 J	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00989	--	0.00431	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00437	--	0.00173 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.199	--	0.162	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			2.06	--	1.37	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000483 U	--	0.00349 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00689 J	--	0.00467 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0629	--	0.0438	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.405	--	0.376	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00896	--	0.0048	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0119	--	0.00518	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00739	--	0.00322	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0151	--	0.00745	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00358	--	0.00195 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00124 U	--	0.000397 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00104 J	--	0.00114 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0432	--	0.015	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00532	--	0.00180 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0712	--	0.0367	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0167 J	--	0.0148 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0353 J	--	0.021	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0901 J	--	0.0365 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.163	--	0.0501	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0224 JT	--	0.0110 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00948 JT	--	0.00479 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0115 JT	--	0.00628 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				2.44 JT	--	1.62 JT	--
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.00907	--	0.00531	--
PCB-002	E1668A			0.0123	--	0.0154	--
PCB-003	E1668A			0.0202	--	0.00608	--
PCB-004/010	E1668A			0.641	--	0.0197	--
PCB-005/008	E1668A			0.235	--	0.0348	--
PCB-006	E1668A			0.0325	--	0.00888	--
PCB-007/009	E1668A			0.00653 J	--	0.000854 U	--
PCB-011	E1668A			0.0538	--	0.0489	--
PCB-012/013	E1668A			0.0591	--	0.00628 J	--
PCB-014	E1668A			0.000786 U	--	0.000791 U	--
PCB-015	E1668A			0.838	--	0.0343	--
PCB-016/032	E1668A			0.856	--	0.0416	--
PCB-017	E1668A			1.44	--	0.0349	--
PCB-018	E1668A			0.113	--	0.0601	--
PCB-019	E1668A			0.895	--	0.0206	--
PCB-020/021/033	E1668A			0.0694	--	0.0639	--
PCB-022	E1668A			0.0597	--	0.0357	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			0.000489 U	--	0.000348 U	--
PCB-024/027	E1668A			0.254	--	0.00711 J	--
PCB-025	E1668A			0.128	--	0.018	--
PCB-026	E1668A			0.0336	--	0.0291	--
PCB-028	E1668A			0.373	--	0.137	--
PCB-029	E1668A			0.000683 J	--	0.000360 U	--
PCB-030	E1668A			0.000303 U	--	0.000291 U	--
PCB-031	E1668A			0.35	--	0.104	--
PCB-034	E1668A			0.012	--	0.00116 J	--
PCB-035	E1668A			0.00300 J	--	0.00308 J	--
PCB-036	E1668A			0.000603 J	--	0.000297 U	--
PCB-037	E1668A			0.0751	--	0.0458	--
PCB-038	E1668A			0.0237	--	0.00300 J	--
PCB-039	E1668A			0.00123 J	--	0.000316 U	--
PCB-040	E1668A			0.0295 J	--	0.0327	--
PCB-041/064/071/072	E1668A			0.264	--	0.153	--
PCB-042/059	E1668A			0.0698	--	0.0542	--
PCB-043/049	E1668A			0.538	--	0.287	--
PCB-044	E1668A			0.19	--	0.167	--
PCB-045	E1668A			0.0198	--	0.0208	--
PCB-046	E1668A			0.0279	--	0.0101	--
PCB-047	E1668A			1.26	--	0.121	--
PCB-048/075	E1668A			0.0395	--	0.0293	--
PCB-050	E1668A			0.0203	--	0.00159 J	--
PCB-051	E1668A			0.562	--	0.0249	--
PCB-052/069	E1668A			0.388	--	0.38	--
PCB-053	E1668A			0.204	--	0.0368	--
PCB-054	E1668A			0.0884	--	0.00451 J	--
PCB-055	E1668A			0.00303 J	--	0.00354 J	--
PCB-056/060	E1668A			0.122	--	0.111	--
PCB-057	E1668A			0.00159 J	--	0.00509	--
PCB-058	E1668A			0.00228 J	--	0.00165 J	--
PCB-061/070	E1668A			0.296	--	0.242	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000310 U	--	0.000290 U	--
PCB-063	E1668A			0.0204	--	0.00984	--
PCB-065	E1668A			0.000272 U	--	0.000260 U	--
PCB-066/076	E1668A			0.281	--	0.201	--
PCB-067	E1668A			0.00606	--	0.007	--
PCB-068	E1668A			0.0379	--	0.00466	--
PCB-073	E1668A			0.0208	--	0.00128 J	--
PCB-074	E1668A			0.0937	--	0.0893	--
PCB-077	E1668A			0.0258	--	0.0228	--
PCB-078	E1668A			0.00134 J	--	0.00103 J	--
PCB-079	E1668A			0.00593	--	0.00546	--
PCB-080	E1668A			0.000222 U	--	0.000204 U	--
PCB-081	E1668A			0.00205 J	--	0.00122 J	--
PCB-082	E1668A			0.0454	--	0.0387	--
PCB-083	E1668A			0.000252 U	--	0.000270 U	--
PCB-084/092	E1668A			0.212	--	0.221	--
PCB-085/116	E1668A			0.0655	--	0.0559	--
PCB-086	E1668A			0.00182 J	--	0.000397 U	--
PCB-087/117/125	E1668A			0.138	--	0.112	--
PCB-088/091	E1668A			0.0779	--	0.074	--
PCB-089	E1668A			0.00427 J	--	0.00310 J	--
PCB-090/101	E1668A			0.515	--	0.473	--
PCB-093	E1668A			0.000437 U	--	0.000505 U	--
PCB-094	E1668A			0.00618	--	0.00421 J	--
PCB-095/098/102	E1668A			0.321	--	0.311	--
PCB-096	E1668A			0.00427 J	--	0.00416 J	--
PCB-097	E1668A			0.123	--	0.0933	--
PCB-099	E1668A			0.214	--	0.204	--
PCB-100	E1668A			0.04	--	0.0114	--
PCB-103	E1668A			0.0198	--	0.0209	--
PCB-104	E1668A			0.00270 J	--	0.00123 J	--
PCB-105	E1668A			0.152	--	0.126	--
PCB-106/118	E1668A			0.38	--	0.346	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
				Sample ID	Sample Date	Depth	Sample Type
				10/11/2020	11/11/2020	10/12/2020	11/10/2020
				0 - 9.7 in	0 - 1 ft	0 - 9.8 in	0 - 1 ft
				N	N	N	N
				Easting	7622033.075	7622038.711	7622185.231
				Northing	707213.885	707157.315	707120.182
PCB-107/109	E1668A			0.0339	--	0.0276	--
PCB-108/112	E1668A			0.0196	--	0.0167	--
PCB-110	E1668A			0.459	--	0.402	--
PCB-111/115	E1668A			0.00667 J	--	0.00646 J	--
PCB-113	E1668A			0.00205 J	--	0.00325 J	--
PCB-114	E1668A			0.00811	--	0.00743	--
PCB-119	E1668A			0.0213	--	0.0206	--
PCB-120	E1668A			0.00285 J	--	0.00237 J	--
PCB-121	E1668A			0.000239 U	--	0.000263 U	--
PCB-122	E1668A			0.00492 J	--	0.00396 J	--
PCB-123	E1668A			0.00628	--	0.00593	--
PCB-124	E1668A			0.0141	--	0.0138	--
PCB-126	E1668A			0.00229 J	--	0.00274 J	--
PCB-127	E1668A			0.000450 U	--	0.000445 U	--
PCB-128/162	E1668A			0.0807	--	0.0724	--
PCB-129	E1668A			0.0201	--	0.0169	--
PCB-130	E1668A			0.0362	--	0.0347	--
PCB-131/133	E1668A			0.0198	--	0.0172	--
PCB-132/161	E1668A			0.151	--	0.125	--
PCB-134/143	E1668A			0.0293	--	0.0266	--
PCB-135	E1668A			0.0682	--	0.0765	--
PCB-136	E1668A			0.0814	--	0.0846	--
PCB-137	E1668A			0.0227	--	0.0223	--
PCB-138/163/164	E1668A			0.572	--	0.52	--
PCB-139/149	E1668A			0.424	--	0.448	--
PCB-140	E1668A			0.00572	--	0.00481 J	--
PCB-141	E1668A			0.104	--	0.0975	--
PCB-142	E1668A			0.000634 U	--	0.000519 U	--
PCB-144	E1668A			0.022	--	0.0216	--
PCB-145	E1668A			0.000158 U	--	0.000229 U	--
PCB-146/165	E1668A			0.106	--	0.0911	--
PCB-147	E1668A			0.0157 J	--	0.0149	--
PCB-148	E1668A			0.00318 J	--	0.00207 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.00245 J	--	0.00281 J	--
PCB-151	E1668A			0.134 J	--	0.142	--
PCB-152	E1668A			0.00124 J	--	0.00118 J	--
PCB-153	E1668A			0.554	--	0.546	--
PCB-154	E1668A			0.0158	--	0.0175	--
PCB-155	E1668A			0.00154 J	--	0.000756 J	--
PCB-156	E1668A			0.0498	--	0.0424	--
PCB-157	E1668A			0.0108	--	0.00966	--
PCB-158/160	E1668A			0.0548	--	0.0483	--
PCB-159	E1668A			0.000392 U	--	0.000298 U	--
PCB-166	E1668A			0.00153 J	--	0.00137 J	--
PCB-167	E1668A			0.0207	--	0.0189	--
PCB-168	E1668A			0.00113 J	--	0.000842 J	--
PCB-169	E1668A			0.000490 U	--	0.000336 U	--
PCB-170	E1668A			0.165	--	0.152	--
PCB-171	E1668A			0.0445	--	0.0424	--
PCB-172	E1668A			0.0266	--	0.0248	--
PCB-173	E1668A			0.00330 J	--	0.00351 J	--
PCB-174	E1668A			0.172	--	0.173	--
PCB-175	E1668A			0.00871	--	0.00742	--
PCB-176	E1668A			0.0198	--	0.0232	--
PCB-177	E1668A			0.112	--	0.101	--
PCB-178	E1668A			0.0428	--	0.0409	--
PCB-179	E1668A			0.0814	--	0.0882	--
PCB-180	E1668A			0.397	--	0.371	--
PCB-181	E1668A			0.00343 J	--	0.00228 J	--
PCB-182/187	E1668A			0.233	--	0.243	--
PCB-183	E1668A			0.096	--	0.102	--
PCB-184	E1668A			0.00109 J	--	0.000548 J	--
PCB-185	E1668A			0.0215	--	0.0202	--
PCB-186	E1668A			0.000153 J	--	0.000327 U	--
PCB-188	E1668A			0.000543 J	--	0.000523 J	--
PCB-189	E1668A			0.00468 J	--	0.00524 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0344	--	0.0329	--
PCB-191	E1668A			0.00577	--	0.00657	--
PCB-192	E1668A			0.000333 U	--	0.000350 U	--
PCB-193	E1668A			0.0212	--	0.0205	--
PCB-194	E1668A			0.0899	--	0.0772	--
PCB-195	E1668A			0.0384	--	0.0328	--
PCB-196/203	E1668A			0.107 J	--	0.105	--
PCB-197	E1668A			0.00306 J	--	0.00361 J	--
PCB-198	E1668A			0.00493 J	--	0.00344 J	--
PCB-199	E1668A			0.11	--	0.0921	--
PCB-200	E1668A			0.0112 J	--	0.0111	--
PCB-201	E1668A			0.0141	--	0.0127	--
PCB-202	E1668A			0.0254	--	0.0208	--
PCB-204	E1668A			0.000532 U	--	0.000407 U	--
PCB-205	E1668A			0.00432 J	--	0.00378 J	--
PCB-206	E1668A			0.18	--	0.0538	--
PCB-207	E1668A			0.0131 J	--	0.00749	--
PCB-208	E1668A			0.0722	--	0.0188	--
PCB-209	E1668A			0.223	--	0.0686	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0416 T	--	0.0268 T	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				1.87 JT	--	0.154 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				4.7 JT	--	0.606 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				4.6 JT	--	2.0 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				2.9 JT	--	2.61 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				2.61 JT	--	2.5 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				1.50 JT	--	1.46 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.41 JT	--	0.363 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.27 JT	--	0.0801 T	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.223 T	--	0.0686 T	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.0018 JT	--	0.00156 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.000018 JT	--	0.0000194 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00026 JT	--	0.000299 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	19 JT	--	9.9 JT	--

**Table 4-1a
Data Summary: Surface Sediment**

				Location ID	USMPDI-003SG	USMPDI-004SC-A	USMPDI-004SG	USMPDI-006SC-A	
				Sample ID	USMPDI-003SG-201011	USMPDI-004SC-A-00-01-201111	USMPDI-004SG-201012	USMPDI-006SC-A-00-01-201110	
				Sample Date	10/11/2020	11/11/2020	10/12/2020	11/10/2020	
				Depth	0 - 9.7 in	0 - 1 ft	0 - 9.8 in	0 - 1 ft	
				Sample Type	N	N	N	N	
				Easting	7622116.418	7622033.075	7622038.711	7622185.231	
				Northing	707213.885	707159.686	707157.315	707120.182	
Analytical Method		Site-Wide RAL	PTW Threshold						
Total Petroleum Hydrocarbons (mg/kg)									
Diesel range hydrocarbons				NWTPHDx		--	88.9 U	106 U	92.2 UJ
Motor oil range hydrocarbons				NWTPHDx		--	202	212 U	241 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample ID			
				Sample Date			
				Depth			
				Sample Type			
				Easting			
				Northing			
Conventional Parameters (unitless)							
Liquid limit	D4318			68	--	--	--
Plastic limit	D4318			46	--	--	--
Plasticity index	D4318			22	--	--	--
Specific gravity	D854			2.57	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			0.975 J	1.17	--	1.83
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			1.8	2.5	--	1.6
Total Solids	SM2540G			46.4	42.3	--	53.6
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			0 U	--	--	--
Sand	D6913			24.2	--	--	--
Total fines (Reported, not calculated)	D6913			75.8	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--	--
Percent passing 110 micron sieve (#140)	D6913			83	--	--	--
Percent passing 850 micron sieve (#20)	D6913			99	--	--	--
Percent passing 425 micron sieve (#40)	D6913			99	--	--	--
Percent passing 250 micron sieve (#60)	D6913			95	--	--	--
Percent passing 150 micron sieve (#100)	D6913			88	--	--	--
Percent passing 75 micron sieve (#200)	D6913			76	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			157	27.5	660	390
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			16.1 J	2.5 J	133 J	26.5 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			21.8 J	5.0 J	148 J	51.5 J
1-Methylphenanthrene	SW8270ESIM			77.1	15.7	1090	290
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			13.4 J	3.2 J	314	61.1 J
2,6-Dimethylnaphthalene	SW8270ESIM			15.0 J	3.7 J	129 J	35.9 J
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			39.1	7.6	380 J	74.2 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			127	17.9	2460	468
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			75.6 J	12.9 J	236 J	271 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			178	31.9	878	545
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			916	113	2940	1820
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			1350	170	3730	2860
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			845	125	2250	1650
Benzo(e)pyrene	SW8270ESIM			829	121	2370	1820
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1270	160	2720	2740
Benzo(j)fluoranthene	SW8270ESIM			478	65.9	1370	993
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			413	61.7	1230	923
Benzothiophene	SW8270ESIM			7.4 J	1.3 J	69.8 J	9.7 J
Carbazole	SW8270ESIM			52.5	5.5	101	53.5 J
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			954	159	3560	2150
Decalin, cis-	SW8270ESIM			25.0 UJ	5.0 UJ	5.0 UJ	100 UJ
Decalin, trans-	SW8270ESIM			25.0 UJ	5.0 UJ	35.3 J	100 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			142	19.4	349	274

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			18.1 J	4.7 J	126 J	35.4 J
Dibenzothiophene	SW8270ESIM			59.5	10.1	1150	212
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			1420	237	10000	5510
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			83.5	14.9	1640	369
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			889	115	1920	1880
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	106	18.3	1450 J	144
Perylene	SW8270ESIM			374	77	1100	794
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			673	97.2	13100	2820
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			1670	279	11600	6580
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1740 T	253 T	4850 T	3570 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1760 T	230 T	4810 T	3680 T
PH-ROD Total HPAH (U = 1/2 max limit)				10300 T	1500 T	42000 T	27400 T
PH-ROD Total LPAH (U = 1/2 max limit)				1280 JT	200 JT	20000 JT	4690 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		11600 JT	1700 JT	62000 JT	32100 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			557	149	1660	1220
C1-Benzo(b)thiophene	SW8270ESIM			11.1 J	5.6	71.2	33.9 J
C1-Decalins	SW8270ESIM			69.1	5.0 U	185	389
C1-Dibenz(a,h)anthracenes	SW8270ESIM			183	37.7	384	361
C1-Dibenzothiophenes	SW8270ESIM			77.4	18.2	953	277
C1-Fluoranthenes/Pyrenes	SW8270ESIM			732	158	3290	1850
C1-Fluorenes	SW8270ESIM			63.4	17.2	914	293
C1-Naphthalenes	SW8270ESIM			53.6	12.4	511	98.1 J
C1-Naphthobenzothiophenes	SW8270ESIM			132	26.6	574	293
C1-Phenanthrenes/Anthracenes	SW8270ESIM			380	71.2	3800	1240
C2-Benzanthracenes/Chrysenes	SW8270ESIM			288	74.6	978	557
C2-Benzo(b)thiophene	SW8270ESIM			17.7 J	4.1 J	255	41.9 J
C2-Decalins	SW8270ESIM			65.2	34.4	2.6 J	308

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			67.1	20.3	210	151
C2-Dibenzothiophenes	SW8270ESIM			107	23.4	1050	326
C2-Fluoranthenes/Pyrenes	SW8270ESIM			353	84	1490	798
C2-Fluorenes	SW8270ESIM			80.4	20.5	1020	281
C2-Naphthalenes	SW8270ESIM			82.4	18.7	1250	216
C2-Naphthobenzothiophenes	SW8270ESIM			92.9	28.8	368	198
C2-Phenanthrenes/Anthracenes	SW8270ESIM			345	71.8	2490	960
C3-Benzanthracenes/Chrysenes	SW8270ESIM			159	42.2	443	376
C3-Benzo(b)thiophene	SW8270ESIM			25.0 U	5.0 U	511	12.3 J
C3-Decalins	SW8270ESIM			53.7	22.2	311	148
C3-Dibenz(a,h)anthracenes	SW8270ESIM			36.8	8	55.7	52.6 J
C3-Dibenzothiophenes	SW8270ESIM			98.4	24.5	762	268
C3-Fluoranthenes/Pyrenes	SW8270ESIM			245	55.3	1010	547
C3-Fluorenes	SW8270ESIM			96.9	23.3	911	337
C3-Naphthalenes	SW8270ESIM			106	22.5	2270	465
C3-Naphthobenzothiophenes	SW8270ESIM			56.9	30.6	431	138
C3-Phenanthrenes/Anthracenes	SW8270ESIM			234	70.3	1760	647
C4-Benzanthracenes/Chrysenes	SW8270ESIM			56.3	17.8	203	134
C4-Decalins	SW8270ESIM			45.3	41	528	371
C4-Dibenzothiophenes	SW8270ESIM			52.9	21.9	316	140
C4-Fluoranthenes/Pyrenes	SW8270ESIM			232	57.4	787	729
C4-Naphthalenes	SW8270ESIM			67.5	18.9	1400	338
C4-Naphthobenzothiophenes	SW8270ESIM			15.9 J	5.3	37.5	100 U
C4-Phenanthrenes/Anthracenes	SW8270ESIM			123	62.3	936	312
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			4.20 U	4.56 U	--	3.63 U
2,4'-DDE (o,p'-DDE)	SW8081B			4.20 U	4.56 U	--	3.63 U
2,4'-DDT (o,p'-DDT)	SW8081B			4.20 U	4.56 U	--	3.63 U
4,4'-DDD (p,p'-DDD)	SW8081B			6.16 J	3.45 J	--	5.8
4,4'-DDE (p,p'-DDE)	SW8081B			4.20 U	4.56 U	--	3.63 U
4,4'-DDT (p,p'-DDT)	SW8081B			4.20 U	4.56 U	--	3.63 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.20 UT	4.56 UT	--	3.63 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				10.4 JT	8.01 JT	--	9.43 T
PH-ROD Sum DDD (U = 1/2 max limit)				8.26 JT	5.73 JT	--	7.62 T
PH-ROD Sum DDE (U = 1/2 max limit)				4.20 UT	4.56 UT	--	3.63 UT
PH-ROD Sum DDT (U = 1/2 max limit)				4.20 UT	4.56 UT	--	3.63 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	16.7 JT	14.9 JT	--	14.9 T
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000436 U	0.0000687 U	--	0.000365 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00125 U	0.000161 J	--	0.00113 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00188 U	0.000139 U	--	0.00103 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00196 U	0.000878 J	--	0.00547
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00186 U	0.000160 U	--	0.00285
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0961	0.0237	--	0.185
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.958	0.23	--	1.68
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000436 U	0.000537	--	0.00603 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00163	0.00125 J	--	0.0116
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0192 J	0.00712	--	0.0592 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.217	0.0562	--	0.396
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00554	0.000884	--	0.011
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00889	0.00111 J	--	0.017
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00358 J	0.000666 J	--	0.00776
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0145	0.00162 J	--	0.0356
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00358 J	0.000425 J	--	0.00908
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00106 U	0.000124 J	--	0.00230 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000936 U	0.000270 J	--	0.00230 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0194	0.00381	--	0.0236
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00286 J	0.000477 J	--	0.00431
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0396	0.0113	--	0.0539
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00948	0.00191	--	0.0349 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0238 J	0.00460 J	--	0.0499 J
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0386 J	0.00738 J	--	0.0756
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0537 J	0.0117	--	0.0635

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0133 JT	0.0022 JT	--	0.0279 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00617 JT	0.0010 JT	--	0.0129 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00641 JT	0.0012 JT	--	0.0139 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				1.16 JT	0.28 JT	--	2.04 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.00480 J	0.00362 J	--	0.0105
PCB-002	E1668A			0.0107	0.00848	--	0.0131
PCB-003	E1668A			0.00634	0.00417 J	--	0.0126
PCB-004/010	E1668A			0.0168	0.0124	--	0.0326
PCB-005/008	E1668A			0.0299	0.02	--	0.118
PCB-006	E1668A			0.00788	0.00566	--	0.0292
PCB-007/009	E1668A			0.00321 J	0.000654 U	--	0.0112
PCB-011	E1668A			0.047	0.0358	--	0.0384
PCB-012/013	E1668A			0.00577 J	0.00400 J	--	0.0154
PCB-014	E1668A			0.000653 U	0.000564 U	--	0.000646 U
PCB-015	E1668A			0.0378	0.0199	--	0.0877
PCB-016/032	E1668A			0.0365	0.0237	--	0.208
PCB-017	E1668A			0.0308	0.0182	--	0.177
PCB-018	E1668A			0.0481	0.0332	--	0.338
PCB-019	E1668A			0.0198	0.0139	--	0.0333
PCB-020/021/033	E1668A			0.053	0.036	--	0.315
PCB-022	E1668A			0.0325	0.0225	--	0.169

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			0.000446 U	0.000407 U	--	0.000355 U
PCB-024/027	E1668A			0.00606 J	0.00445 J	--	0.0229
PCB-025	E1668A			0.0128	0.00836	--	0.069
PCB-026	E1668A			0.0211	0.0146	--	0.12
PCB-028	E1668A			0.126	0.0679	--	0.591
PCB-029	E1668A			0.000441 U	0.000421 U	--	0.00218 J
PCB-030	E1668A			0.000257 U	0.000305 U	--	0.000260 U
PCB-031	E1668A			0.0899	0.0566	--	0.518
PCB-034	E1668A			0.000417 U	0.000413 U	--	0.00771
PCB-035	E1668A			0.00236 J	0.00242 J	--	0.00768
PCB-036	E1668A			0.000471 U	0.000349 U	--	0.000319 U
PCB-037	E1668A			0.0469	0.0248	--	0.155
PCB-038	E1668A			0.00243 J	0.00193 J	--	0.0087
PCB-039	E1668A			0.000513 U	0.000372 U	--	0.00422 J
PCB-040	E1668A			0.0187	0.0154	--	0.154
PCB-041/064/071/072	E1668A			0.116	0.0771	--	0.648
PCB-042/059	E1668A			0.0508	0.0275	--	0.248
PCB-043/049	E1668A			0.187	0.0941	--	0.756
PCB-044	E1668A			0.155	0.0842	--	0.769
PCB-045	E1668A			0.0184 J	0.00971	--	0.112
PCB-046	E1668A			0.00940 J	0.00508	--	0.0491
PCB-047	E1668A			0.107	0.0609	--	0.292
PCB-048/075	E1668A			0.0298	0.0135	--	0.136
PCB-050	E1668A			0.00118 J	0.000649 J	--	0.00275 J
PCB-051	E1668A			0.0186 J	0.0132	--	0.046
PCB-052/069	E1668A			0.224	0.12	--	0.913
PCB-053	E1668A			0.0317	0.018	--	0.113
PCB-054	E1668A			0.00486 J	0.00302 J	--	0.00512
PCB-055	E1668A			0.00254 J	0.00230 J	--	0.0103
PCB-056/060	E1668A			0.116	0.0622	--	0.465
PCB-057	E1668A			0.00137 J	0.000700 J	--	0.00523
PCB-058	E1668A			0.00120 J	0.000171 U	--	0.00551
PCB-061/070	E1668A			0.25	0.125	--	1.02

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000398 U	0.000223 U	--	0.000284 U
PCB-063	E1668A			0.00851	0.00461 J	--	0.0325
PCB-065	E1668A			0.000350 U	0.000200 U	--	0.000254 U
PCB-066/076	E1668A			0.207	0.103	--	0.769
PCB-067	E1668A			0.00551	0.00268 J	--	0.0234
PCB-068	E1668A			0.00259 J	0.00193 J	--	0.0114
PCB-073	E1668A			0.00213 J	0.000587 J	--	0.00159 J
PCB-074	E1668A			0.0865	0.0462	--	0.326
PCB-077	E1668A			0.0244	0.0119	--	0.0693
PCB-078	E1668A			0.00102 J	0.000747 J	--	0.00381 J
PCB-079	E1668A			0.00424 J	0.00282 J	--	0.017
PCB-080	E1668A			0.000287 U	0.000168 U	--	0.000222 U
PCB-081	E1668A			0.00162 J	0.000685 J	--	0.00406 J
PCB-082	E1668A			0.0406	0.0233	--	0.117
PCB-083	E1668A			0.000220 U	0.000283 U	--	0.000230 U
PCB-084/092	E1668A			0.17	0.0911	--	0.562
PCB-085/116	E1668A			0.058	0.0363	--	0.155
PCB-086	E1668A			0.000361 U	0.000417 U	--	0.00423 J
PCB-087/117/125	E1668A			0.116	0.0724	--	0.34
PCB-088/091	E1668A			0.0623	0.0368	--	0.212
PCB-089	E1668A			0.00296 J	0.00210 J	--	0.0136
PCB-090/101	E1668A			0.437	0.246	--	1.29
PCB-093	E1668A			0.000377 U	0.000503 U	--	0.000416 U
PCB-094	E1668A			0.00408 J	0.00244 J	--	0.00760 J
PCB-095/098/102	E1668A			0.278	0.15	--	0.877
PCB-096	E1668A			0.00208 J	0.00223 J	--	0.0115
PCB-097	E1668A			0.096	0.0577	--	0.316
PCB-099	E1668A			0.175	0.109	--	0.552
PCB-100	E1668A			0.0114	0.0059	--	0.0142
PCB-103	E1668A			0.0115	0.00494 J	--	0.0296
PCB-104	E1668A			0.000924 J	0.000520 J	--	0.000921 J
PCB-105	E1668A			0.131	0.0833	--	0.327
PCB-106/118	E1668A			0.33	0.206	--	0.908

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.0263	0.0162	--	0.0762
PCB-108/112	E1668A			0.0135 J	0.00988	--	0.0487
PCB-110	E1668A			0.391	0.247	--	1.21
PCB-111/115	E1668A			0.00492 J	0.00421 J	--	0.0163
PCB-113	E1668A			0.00347 J	0.000502 J	--	0.00497
PCB-114	E1668A			0.00684	0.00386 J	--	0.0189
PCB-119	E1668A			0.0152	0.00843	--	0.0427
PCB-120	E1668A			0.00306 J	0.00138 J	--	0.00753
PCB-121	E1668A			0.000206 U	0.000262 U	--	0.000217 U
PCB-122	E1668A			0.00344 J	0.00289 J	--	0.0116
PCB-123	E1668A			0.00486 J	0.00365 J	--	0.0135
PCB-124	E1668A			0.0124	0.00825	--	0.0347
PCB-126	E1668A			0.00192 J	0.00139 J	--	0.00464 J
PCB-127	E1668A			0.000471 U	0.000352 U	--	0.000544 U
PCB-128/162	E1668A			0.0707	0.0443	--	0.165
PCB-129	E1668A			0.0171	0.0104 J	--	0.0415
PCB-130	E1668A			0.034	0.0221	--	0.0869
PCB-131/133	E1668A			0.0195	0.00941	--	0.0447
PCB-132/161	E1668A			0.131	0.0772	--	0.341
PCB-134/143	E1668A			0.0271	0.0148	--	0.0627
PCB-135	E1668A			0.0743	0.0396	--	0.184
PCB-136	E1668A			0.0787	0.0423	--	0.205
PCB-137	E1668A			0.0176	0.0117	--	0.046
PCB-138/163/164	E1668A			0.54	0.305	--	1.23
PCB-139/149	E1668A			0.000160 U	0.24	--	1.12
PCB-140	E1668A			0.00459 J	0.00224 J	--	0.0138
PCB-141	E1668A			0.103	0.0558	--	0.23
PCB-142	E1668A			0.000572 U	0.000414 U	--	0.000751 U
PCB-144	E1668A			0.0201	0.0124	--	0.0565
PCB-145	E1668A			0.000128 U	0.000152 U	--	0.000396 J
PCB-146/165	E1668A			0.107	0.0505	--	0.248
PCB-147	E1668A			0.015	0.00983	--	0.0274
PCB-148	E1668A			0.00279 J	0.000752 J	--	0.00626

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.00266 J	0.00122 J	--	0.00583
PCB-151	E1668A			0.141	0.0757	--	0.329
PCB-152	E1668A			0.000560 J	0.000754 J	--	0.00136 J
PCB-153	E1668A			0.554	0.285	--	1.28
PCB-154	E1668A			0.0169	0.0079	--	0.0401
PCB-155	E1668A			0.000535 J	0.000300 J	--	0.000354 J
PCB-156	E1668A			0.0442	0.0275	--	0.103
PCB-157	E1668A			0.00977	0.00653	--	0.0212
PCB-158/160	E1668A			0.0499	0.0316	--	0.111
PCB-159	E1668A			0.0075	0.000239 U	--	0.000466 U
PCB-166	E1668A			0.00164 J	0.000741 J	--	0.00411 J
PCB-167	E1668A			0.0181	0.0122	--	0.0419
PCB-168	E1668A			0.000455 J	0.000468 J	--	0.00209 J
PCB-169	E1668A			0.000411 U	0.000260 U	--	0.000519 U
PCB-170	E1668A			0.167	0.0815	--	0.34
PCB-171	E1668A			0.0478	0.0229	--	0.104
PCB-172	E1668A			0.0275	0.0146	--	0.0614
PCB-173	E1668A			0.00291 J	0.00213 J	--	0.00772
PCB-174	E1668A			0.188	0.0906	--	0.408
PCB-175	E1668A			0.0075	0.00342 J	--	0.017
PCB-176	E1668A			0.0231	0.0108	--	0.0534
PCB-177	E1668A			0.117	0.0553	--	0.243
PCB-178	E1668A			0.0443	0.0201	--	0.0917
PCB-179	E1668A			0.0915	0.0411	--	0.199
PCB-180	E1668A			0.428	0.202	--	0.883
PCB-181	E1668A			0.00247 J	0.00105 J	--	0.00415 J
PCB-182/187	E1668A			0.258	0.112	--	0.552
PCB-183	E1668A			0.11	0.0459	--	0.225
PCB-184	E1668A			0.000631 J	0.000565 J	--	0.000606 J
PCB-185	E1668A			0.022	0.0098	--	0.0455
PCB-186	E1668A			0.000364 U	0.000267 U	--	0.000355 U
PCB-188	E1668A			0.000719 J	0.000289 J	--	0.00184 J
PCB-189	E1668A			0.00574	0.00328 J	--	0.012

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0349	0.0171	--	0.0691
PCB-191	E1668A			0.00695	0.00286 J	--	0.0131
PCB-192	E1668A			0.000391 U	0.000301 U	--	0.000421 U
PCB-193	E1668A			0.0232	0.0115	--	0.0453
PCB-194	E1668A			0.103	0.044	--	0.198
PCB-195	E1668A			0.0403	0.0182	--	0.0769
PCB-196/203	E1668A			0.126	0.0656 J	--	0.336
PCB-197	E1668A			0.00450 J	0.00187 J	--	0.00912
PCB-198	E1668A			0.00764	0.00229 J	--	0.00996
PCB-199	E1668A			0.117	0.056	--	0.32
PCB-200	E1668A			0.0142	0.00716	--	0.0341
PCB-201	E1668A			0.0164	0.00729	--	0.0453
PCB-202	E1668A			0.0273	0.0114	--	0.0891
PCB-204	E1668A			0.000146 U	0.000606 U	--	0.000424 U
PCB-205	E1668A			0.00445 J	0.00212 J	--	0.00759 J
PCB-206	E1668A			0.083	0.0302	--	0.217
PCB-207	E1668A			0.0104	0.00427 J	--	0.0308
PCB-208	E1668A			0.0255	0.0107	--	0.0886
PCB-209	E1668A			0.1	0.0387	--	0.193
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0218 JT	0.0163 JT	--	0.0362 T
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.149 JT	0.0984 JT	--	0.333 T
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.530 JT	0.330 JT	--	2.7 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				1.7 JT	0.91 JT	--	7.01 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				2.4 JT	1.4 JT	--	7.2 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				2.1 JT	1.4 JT	--	6.0 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				1.6 JT	0.749 JT	--	3.4 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.461 JT	0.216 JT	--	1.1 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.119 T	0.0452 JT	--	0.336 T
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.10 T	0.0387 T	--	0.193 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.0016 JT	0.000817 JT	--	0.00439 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.000016 JT	0.0000102 JT	--	0.0000394 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00022 JT	0.000155 JT	--	0.000523 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	9.2 JT	5.2 JT	--	28 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-006SG	USMPDI-007SG	USMPDI-009SC-A	USMPDI-009SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SG-201010	USMPDI-007SG-201012	USMPDI-009SC-A-00-01-201112	USMPDI-009SG-201012	
				Sample Date	10/10/2020	10/12/2020	11/12/2020	10/12/2020
				Depth	0 - 10.7 in	0 - 10.5 in	0 - 1 ft	0 - 10 in
				Sample Type	N	N	N	N
				Easting	7622177.823	7622060.528	7622154.507	7622155.922
				Northing	707119.964	707052.747	707014.644	707018.847
Total Petroleum Hydrocarbons (mg/kg)								
Diesel range hydrocarbons	NWTPHDx			111 U	123 U	706	97.0 U	
Motor oil range hydrocarbons	NWTPHDx			222 U	246 U	1100	194 U	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108	
				Sample Date	11/11/2020	10/11/2020	10/10/2020	11/8/2020
				Depth	0 - 1 ft	0 - 8 in	0 - 10 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622217.934	7622224.807	7622299.744	7622342.818
				Northing	706977.593	706999.505	707043.192	706940.059
Conventional Parameters (unitless)								
Liquid limit	D4318			--	60	--	--	
Plastic limit	D4318			--	43	--	--	
Plasticity index	D4318			--	17	--	--	
Specific gravity	D854			--	2.56	--	--	
Conventional Parameters (mg/kg)								
Cyanide	D7511-12			--	9.96 J	1.31 J	--	
Conventional Parameters (pct)								
Moisture (water) content	D2216			--	--	--	--	
Total organic carbon	SM5310BM			--	2.2	2.4	--	
Total Solids	SM2540G			--	46.5	40.6	--	
Conventional Parameters (lb/ft³)								
Density (bulk)	D7263			--	--	--	--	
Density (dry)	D7263			--	--	--	--	
Grain Size (pct)								
Gravel	D6913			--	1.5	--	--	
Sand	D6913			--	26.3	--	--	
Total fines (Reported, not calculated)	D6913			--	72.2	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	100	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	99	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	99	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	98	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	79	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	97	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	97	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	94	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	86	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	72	--	--	
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			131	331	--	102	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			18.7	46.9 J	--	15.9	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			35.1	55.4 J	--	17.1
1-Methylphenanthrene	SW8270ESIM			121	313	--	58.7
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			28.5	105	--	12.4
2,6-Dimethylnaphthalene	SW8270ESIM			26.9	80.6 J	--	16.4
2-Methylnaphthalene	SW8270E			--	--	246 U	--
2-Methylnaphthalene	SW8270ESIM			46.7	98.0 J	--	39.8
Acenaphthene	SW8270E			--	--	366	--
Acenaphthene	SW8270ESIM			155	777	--	76.8
Acenaphthylene	SW8270E			--	--	246 U	--
Acenaphthylene	SW8270ESIM			76.8	235 J	--	36.6 J
Anthracene	SW8270E			--	--	141 J	--
Anthracene	SW8270ESIM			150	1110	--	105
Benzo(a)anthracene	SW8270E			--	--	223 J	--
Benzo(a)anthracene	SW8270ESIM			531	2120	--	461
Benzo(a)pyrene	SW8270E			--	--	335	--
Benzo(a)pyrene	SW8270ESIM			879	2500	--	730
Benzo(b)fluoranthene	SW8270E			--	--	281	--
Benzo(b)fluoranthene	SW8270ESIM			448	1370	--	459
Benzo(e)pyrene	SW8270ESIM			545	1520	--	443
Benzo(g,h,i)perylene	SW8270E			--	--	282	--
Benzo(g,h,i)perylene	SW8270ESIM			772	2310	--	649
Benzo(j)fluoranthene	SW8270ESIM			352	885	--	233
Benzo(j,k)fluoranthene	SW8270E			--	--	246 U	--
Benzo(k)fluoranthene	SW8270ESIM			372	816	--	229
Benzothiophene	SW8270ESIM			8.1	22.0 J	--	7.8 J
Carbazole	SW8270ESIM			31	85.7 J	--	16.5
Chrysene	SW8270E			--	--	266	--
Chrysene	SW8270ESIM			616	2040	--	659
Decalin, cis-	SW8270ESIM			5.0 UJ	100 UJ	--	5.0 UJ
Decalin, trans-	SW8270ESIM			6.8 J	100 UJ	--	5.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	246 U	--
Dibenzo(a,h)anthracene	SW8270ESIM			109	232	--	66

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			11/11/2020	10/11/2020	10/10/2020	11/8/2020
Dibenzothiophene	SW8270ESIM			0 - 1 ft	0 - 8 in	0 - 10 in	0 - 1 ft
Fluoranthene	SW8270E			N	N	N	N
Fluoranthene	SW8270ESIM			7622217.934	7622224.807	7622299.744	7622342.818
Fluorene	SW8270E			706977.593	706999.505	707043.192	706940.059
Fluorene	SW8270ESIM						
Indeno(1,2,3-c,d)pyrene	SW8270E						
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			35.8	110	--	18.2
Naphthalene	SW8270E		140000	58.2	561	--	39.8
Naphthalene	SW8270ESIM		140000	--	--	822	--
Perylene	SW8270ESIM			1500	5610	--	1230
Phenanthrene	SW8270E			--	--	147 J	--
Phenanthrene	SW8270ESIM			95.4	701	--	66
Pyrene	SW8270E			--	--	230 J	--
Pyrene	SW8270ESIM			585	1590	--	410
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	246 U	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	113	269	--	99.9
PH-ROD Total HPAH (U = 1/2 max limit)				365	679	--	352
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	991	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		775	5560	--	600
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	842	--
C1-Benzo(b)thiophene	SW8270ESIM			1790	6800	--	1300
C1-Decalins	SW8270ESIM			1170 T	3070 T	404 T	921 T
C1-Dibenz(a,h)anthracenes	SW8270ESIM			1150 T	3300 T	530 JT	930 T
C1-Dibenzothiophenes	SW8270ESIM			8000 T	26000 T	3500 JT	6400 T
C1-Fluoranthenes/Pyrenes	SW8270ESIM			1400 T	8750 JT	2010 JT	1000 JT
C1-Fluorenes	SW8270ESIM			9400 T	35000 JT	5500 JT	7500 JT
C1-Naphthalenes	SW8270ESIM			470	902	--	431
C1-Naphthobenzothiophenes	SW8270ESIM			10.8	44.1 J	--	8.7
C1-Phenanthrenes/Anthracenes	SW8270ESIM			92.7	778	--	18.3
C2-Benzanthracenes/Chrysenes	SW8270ESIM			173	301	--	119
C2-Benzo(b)thiophene	SW8270ESIM			120	322	--	54.1
C2-Decalins	SW8270ESIM			774	1590	--	571
				95.6	360	--	60.8
				69.1	159	--	54.5
				153	233	--	138
				530	1550	--	282
				298	416	--	241
				19.8	107	--	17.8
				117	306	--	58.8

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			11/11/2020	10/11/2020	10/10/2020	11/8/2020
C2-Dibenzothiophenes	SW8270ESIM			0 - 1 ft	0 - 8 in	0 - 10 in	0 - 1 ft
C2-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N	N
C2-Fluorenes	SW8270ESIM			7622217.934	7622224.807	7622299.744	7622342.818
C2-Naphthalenes	SW8270ESIM			706977.593	706999.505	707043.192	706940.059
C2-Naphthobenzothiophenes	SW8270ESIM						
C2-Phenanthrenes/Anthracenes	SW8270ESIM						
C3-Benzanthracenes/Chrysenes	SW8270ESIM						
C3-Benzo(b)thiophene	SW8270ESIM						
C3-Decalins	SW8270ESIM						
C3-Dibenz(a,h)anthracenes	SW8270ESIM			63.4	110	--	63.6
C3-Dibenzothiophenes	SW8270ESIM			174	321	--	86.5
C3-Fluoranthenes/Pyrenes	SW8270ESIM			366	615	--	255
C3-Fluorenes	SW8270ESIM			161	308	--	78
C3-Naphthalenes	SW8270ESIM			117	477	--	74.5
C3-Naphthobenzothiophenes	SW8270ESIM			129	141	--	78.1
C3-Phenanthrenes/Anthracenes	SW8270ESIM			517	939	--	306
C3-Benzo(b)thiophene	SW8270ESIM			157	240	--	116
C3-Decalins	SW8270ESIM			71.5	100 U	--	26.1
C3-Dibenz(a,h)anthracenes	SW8270ESIM			84.3	233	--	39.9
C3-Dibenzothiophenes	SW8270ESIM			22.8	59.9 J	--	18.9
C3-Fluoranthenes/Pyrenes	SW8270ESIM			145	282	--	88.9
C3-Fluorenes	SW8270ESIM			290	415	--	199
C3-Naphthalenes	SW8270ESIM			143	321	--	90
C3-Naphthobenzothiophenes	SW8270ESIM			240	591	--	125
C3-Phenanthrenes/Anthracenes	SW8270ESIM			177	157	--	86.4
C4-Benzanthracenes/Chrysenes	SW8270ESIM			353	544	--	272
C4-Decalins	SW8270ESIM			82.1	67.6 J	--	47.8
C4-Dibenzothiophenes	SW8270ESIM			134	186	--	71.3
C4-Fluoranthenes/Pyrenes	SW8270ESIM			80	120	--	45.7
C4-Naphthalenes	SW8270ESIM			253	566	--	139
C4-Naphthobenzothiophenes	SW8270ESIM			182	388	--	105
C4-Phenanthrenes/Anthracenes	SW8270ESIM			32.2	100 U	--	34.7
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	66.6	4.69 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	27.5	4.69 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	8.34 U	4.69 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	181	3.71 J	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	24.2 U	4.69 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	11.2	4.69 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	98.3 T	4.69 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	204 T	8.40 JT	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	248 T	6.06 JT	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	39.6 T	4.69 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	15.4 T	4.69 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	303 T	15.4 JT	--
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000408 U	0.000433 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000908 U	0.000750 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00126 U	0.00151 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00474	0.00176 J	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00139 U	0.00160 U	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.125	0.0376	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	1.42	0.395	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00251 J	0.000433 U	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00209 J	0.000750 U	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0372 J	0.00672	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.29	0.0828	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0164	0.00225	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0428	0.0035	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0202	0.00182 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.092	0.00674	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0213	0.00212 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00125 J	0.000685 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00537 J	0.000604 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0482	0.0104	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0143	0.00122 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0858	0.0243	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0497 J	0.00444	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.114 J	0.0102 J	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.162 J	0.0194	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.127	0.0285 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0546 JT	0.00629 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0270 JT	0.00334 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0246 JT	0.00337 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	1.90 JT	0.490 JT	--
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	0.00962	0.00164 J	--
PCB-002	E1668A			--	0.0162	0.00286 J	--
PCB-003	E1668A			--	0.0117	0.00194 J	--
PCB-004/010	E1668A			--	0.0227	0.00339 J	--
PCB-005/008	E1668A			--	0.0648	0.00653 J	--
PCB-006	E1668A			--	0.0166	0.000563 U	--
PCB-007/009	E1668A			--	0.00731 J	0.000600 U	--
PCB-011	E1668A			--	0.0833	0.00847	--
PCB-012/013	E1668A			--	0.0108	0.000574 U	--
PCB-014	E1668A			--	0.000959 U	0.000579 U	--
PCB-015	E1668A			--	0.0654	0.00729	--
PCB-016/032	E1668A			--	0.0967	0.00816 J	--
PCB-017	E1668A			--	0.0744	0.00624	--
PCB-018	E1668A			--	0.0797	0.011	--
PCB-019	E1668A			--	0.022	0.00325 J	--
PCB-020/021/033	E1668A			--	0.171	0.00989 J	--
PCB-022	E1668A			--	0.0904	0.00601	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			--	0.000729 U	0.000314 U	--
PCB-024/027	E1668A			--	0.0123	0.00128 J	--
PCB-025	E1668A			--	0.0322	0.00227 J	--
PCB-026	E1668A			--	0.0526	0.00366 J	--
PCB-028	E1668A			--	0.359	0.0228	--
PCB-029	E1668A			--	0.00120 J	0.000310 U	--
PCB-030	E1668A			--	0.000346 U	0.000188 U	--
PCB-031	E1668A			--	0.287	0.0156	--
PCB-034	E1668A			--	0.00363 J	0.000293 U	--
PCB-035	E1668A			--	0.00723	0.000274 U	--
PCB-036	E1668A			--	0.000774 U	0.000265 U	--
PCB-037	E1668A			--	0.106	0.00766	--
PCB-038	E1668A			--	0.00243 J	0.000271 U	--
PCB-039	E1668A			--	0.00394 J	0.000289 U	--
PCB-040	E1668A			--	0.0359	0.0064	--
PCB-041/064/071/072	E1668A			--	0.312	0.0266	--
PCB-042/059	E1668A			--	0.156	0.00995	--
PCB-043/049	E1668A			--	0.804	0.0311	--
PCB-044	E1668A			--	0.48	0.029	--
PCB-045	E1668A			--	0.0507	0.00405 J	--
PCB-046	E1668A			--	0.024	0.00239 J	--
PCB-047	E1668A			--	0.444	0.0149	--
PCB-048/075	E1668A			--	0.0748	0.00549 J	--
PCB-050	E1668A			--	0.00223 J	0.000284 U	--
PCB-051	E1668A			--	0.0481	0.00231 J	--
PCB-052/069	E1668A			--	1.08	0.0368	--
PCB-053	E1668A			--	0.0955	0.00587	--
PCB-054	E1668A			--	0.00505	0.000510 J	--
PCB-055	E1668A			--	0.0141	0.000190 U	--
PCB-056/060	E1668A			--	0.336	0.0212	--
PCB-057	E1668A			--	0.00921	0.000206 U	--
PCB-058	E1668A			--	0.00592	0.000198 U	--
PCB-061/070	E1668A			--	0.948	0.0373	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			--	0.000594 U	0.000261 U	--
PCB-063	E1668A			--	0.0238	0.00140 J	--
PCB-065	E1668A			--	0.000523 U	0.000229 U	--
PCB-066/076	E1668A			--	0.701	0.0345	--
PCB-067	E1668A			--	0.0318	0.000904 J	--
PCB-068	E1668A			--	0.0102	0.000660 J	--
PCB-073	E1668A			--	0.00582 J	0.000224 J	--
PCB-074	E1668A			--	0.245	0.0143	--
PCB-077	E1668A			--	0.0512	0.00399 J	--
PCB-078	E1668A			--	0.00508 J	0.000203 U	--
PCB-079	E1668A			--	0.0263	0.000693 J	--
PCB-080	E1668A			--	0.000384 U	0.000187 U	--
PCB-081	E1668A			--	0.0112 J	0.000300 J	--
PCB-082	E1668A			--	0.16	0.0068	--
PCB-083	E1668A			--	0.000470 U	0.000250 U	--
PCB-084/092	E1668A			--	2.31	0.0262	--
PCB-085/116	E1668A			--	0.184	0.00980 J	--
PCB-086	E1668A			--	0.0467	0.000410 U	--
PCB-087/117/125	E1668A			--	0.757	0.0151 J	--
PCB-088/091	E1668A			--	0.497	0.00937 J	--
PCB-089	E1668A			--	0.0128	0.000379 U	--
PCB-090/101	E1668A			--	5.39	0.0625	--
PCB-093	E1668A			--	0.000825 U	0.000450 U	--
PCB-094	E1668A			--	0.175	0.000492 J	--
PCB-095/098/102	E1668A			--	2.37	0.0394	--
PCB-096	E1668A			--	0.0299	0.000801 J	--
PCB-097	E1668A			--	0.697	0.0164	--
PCB-099	E1668A			--	1.21	0.0274	--
PCB-100	E1668A			--	0.0747	0.00118 J	--
PCB-103	E1668A			--	0.127	0.00183 J	--
PCB-104	E1668A			--	0.00293 J	0.000298 U	--
PCB-105	E1668A			--	0.668	0.0194	--
PCB-106/118	E1668A			--	2.34	0.0473	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				Sample Date 11/11/2020	10/11/2020	10/10/2020	11/8/2020
				Depth 0 - 1 ft	0 - 8 in	0 - 10 in	0 - 1 ft
				Sample Type N	N	N	N
				Easting 7622217.934	7622224.807	7622299.744	7622342.818
				Northing 706977.593	706999.505	707043.192	706940.059
PCB-107/109	E1668A			--	0.135	0.00445 J	--
PCB-108/112	E1668A			--	0.137	0.00266 J	--
PCB-110	E1668A			--	2.93	0.0594	--
PCB-111/115	E1668A			--	0.0195	0.000415 J	--
PCB-113	E1668A			--	0.0362	0.000277 U	--
PCB-114	E1668A			--	0.0711	0.00112 J	--
PCB-119	E1668A			--	0.121	0.00226 J	--
PCB-120	E1668A			--	0.02	0.000228 U	--
PCB-121	E1668A			--	0.00561	0.000246 U	--
PCB-122	E1668A			--	0.0207	0.000588 J	--
PCB-123	E1668A			--	0.0343	0.000805 J	--
PCB-124	E1668A			--	0.154	0.00190 J	--
PCB-126	E1668A			--	0.0205	0.000313 J	--
PCB-127	E1668A			--	0.00112 U	0.000272 U	--
PCB-128/162	E1668A			--	1.03	0.0102	--
PCB-129	E1668A			--	0.433	0.00162 J	--
PCB-130	E1668A			--	0.555	0.00583	--
PCB-131/133	E1668A			--	0.568	0.00238 J	--
PCB-132/161	E1668A			--	3.31	0.0169	--
PCB-134/143	E1668A			--	1.33	0.00363 J	--
PCB-135	E1668A			--	2.15	0.00800 J	--
PCB-136	E1668A			--	2.41	0.0115	--
PCB-137	E1668A			--	0.124	0.00203 J	--
PCB-138/163/164	E1668A			--	17.2	0.0661	--
PCB-139/149	E1668A			--	12.6	0.0562	--
PCB-140	E1668A			--	0.0599	0.000423 U	--
PCB-141	E1668A			--	5.66	0.0133	--
PCB-142	E1668A			--	0.00232 U	0.000406 U	--
PCB-144	E1668A			--	1.01	0.00269 J	--
PCB-145	E1668A			--	0.00145 J	0.000282 U	--
PCB-146/165	E1668A			--	2.82	0.0134	--
PCB-147	E1668A			--	0.169	0.00179 J	--
PCB-148	E1668A			--	0.0768	0.000399 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			--	0.0477	0.000310 U	--
PCB-151	E1668A			--	5.47	0.0172 J	--
PCB-152	E1668A			--	0.0709	0.000283 U	--
PCB-153	E1668A			--	22.3	0.0691	--
PCB-154	E1668A			--	0.254	0.00178 J	--
PCB-155	E1668A			--	0.00273 J	0.000321 U	--
PCB-156	E1668A			--	1.32	0.00542 J	--
PCB-157	E1668A			--	0.0897	0.00111 J	--
PCB-158/160	E1668A			--	1.6	0.00642 J	--
PCB-159	E1668A			--	0.00149 U	0.000239 U	--
PCB-166	E1668A			--	0.00566	0.000255 U	--
PCB-167	E1668A			--	0.481	0.00252 J	--
PCB-168	E1668A			--	0.0160 J	0.000284 U	--
PCB-169	E1668A			--	0.00183 U	0.000274 U	--
PCB-170	E1668A			--	10.8	0.0274	--
PCB-171	E1668A			--	3.04	0.00718	--
PCB-172	E1668A			--	1.8	0.00401 J	--
PCB-173	E1668A			--	0.233	0.000454 U	--
PCB-174	E1668A			--	10.9	0.0254	--
PCB-175	E1668A			--	0.441	0.00131 J	--
PCB-176	E1668A			--	1.33	0.00299 J	--
PCB-177	E1668A			--	6.65	0.017	--
PCB-178	E1668A			--	2.39	0.00556	--
PCB-179	E1668A			--	4.62	0.0119	--
PCB-180	E1668A			--	25.8	0.0621	--
PCB-181	E1668A			--	0.0254	0.000367 U	--
PCB-182/187	E1668A			--	12.9	0.0351	--
PCB-183	E1668A			--	6.45	0.0152	--
PCB-184	E1668A			--	0.00411 J	0.000310 U	--
PCB-185	E1668A			--	1.34	0.00275 J	--
PCB-186	E1668A			--	0.00139 J	0.000287 U	--
PCB-188	E1668A			--	0.0195	0.000296 U	--
PCB-189	E1668A			--	0.353	0.000885 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			--	2.23	0.00588	--
PCB-191	E1668A			--	0.417	0.000750 J	--
PCB-192	E1668A			--	0.00131 U	0.000296 U	--
PCB-193	E1668A			--	1.3	0.00260 J	--
PCB-194	E1668A			--	5.72	0.0167	--
PCB-195	E1668A			--	2.51	0.00554 J	--
PCB-196/203	E1668A			--	6.04	0.0205 J	--
PCB-197	E1668A			--	0.213	0.000480 U	--
PCB-198	E1668A			--	0.496	0.000685 U	--
PCB-199	E1668A			--	4.41	0.0153	--
PCB-200	E1668A			--	0.661	0.00245 J	--
PCB-201	E1668A			--	0.761	0.00202 J	--
PCB-202	E1668A			--	0.867	0.00275 J	--
PCB-204	E1668A			--	0.00165 J	0.000477 U	--
PCB-205	E1668A			--	0.271	0.00101 J	--
PCB-206	E1668A			--	1.44	0.00723	--
PCB-207	E1668A			--	0.174	0.000815 J	--
PCB-208	E1668A			--	0.259	0.00263 J	--
PCB-209	E1668A			--	0.641	0.00667 J	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	0.0375 T	0.00644 JT	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	0.271 JT	0.0268 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	1.40 JT	0.0989 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	6.0 JT	0.292 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	21 JT	0.359 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	83 JT	0.321 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	93 JT	0.229 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	22.0 JT	0.0671 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	1.87 T	0.0107 JT	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	0.641 T	0.00667 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.00598 JT	0.000264 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.000140 JT	0.00000251 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00225 JT	0.0000383 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	230 JT	1.42 JT	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SG	USMPDI-012SG	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-00-01-201111	USMPDI-011SG-201011	USMPDI-012SG-201010	USMPDI-013SC-A-00-01-201108
				11/11/2020	10/11/2020	10/10/2020	11/8/2020
				0 - 1 ft	0 - 8 in	0 - 10 in	0 - 1 ft
				N	N	N	N
				7622217.934	7622224.807	7622299.744	7622342.818
				706977.593	706999.505	707043.192	706940.059
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			98.8	106 U	--	102 U
Motor oil range hydrocarbons	NWTPHDx			255	222	--	203 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample ID			
				Sample Date			
				Depth			
				Sample Type			
				Easting			
				Northing			
Conventional Parameters (unitless)							
Liquid limit	D4318			101	--	--	--
Plastic limit	D4318			62	--	--	--
Plasticity index	D4318			39	--	--	--
Specific gravity	D854			2.6	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			2.46 J	--	1.64 J	--
Conventional Parameters (pct)							
Moisture (water) content	D2216			161.3	--	--	--
Total organic carbon	SM5310BM			2.6	--	2.3	--
Total Solids	SM2540G			42.7	--	47.6	--
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			0 U	--	--	--
Sand	D6913			4.8	--	--	--
Total fines (Reported, not calculated)	D6913			95.2	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--	--
Percent passing 110 micron sieve (#140)	D6913			98	--	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--	--
Percent passing 425 micron sieve (#40)	D6913			99	--	--	--
Percent passing 250 micron sieve (#60)	D6913			99	--	--	--
Percent passing 150 micron sieve (#100)	D6913			99	--	--	--
Percent passing 75 micron sieve (#200)	D6913			95	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			44.8	69	39	137
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			6.3	17.1	7.3	35.6

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			15.8	19.3	12.7	49.8
1-Methylphenanthrene	SW8270ESIM			27.6	40.9	29.6	107
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			6.5	10.6	7.2	26.2
2,6-Dimethylnaphthalene	SW8270ESIM			11.1	19.2	12	55.6
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			24.5	49.7	27.7	116
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			54.5	80.1	42.4	193
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			28.5	47.3 J	19.2	67.4 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			77.2	98.9	58.2	258
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			203	310	184	1070
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			403	472	363	1590
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			248	350	220	950
Benzo(e)pyrene	SW8270ESIM			254	377	221	942
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			388 J	480	343 J	1570
Benzo(j)fluoranthene	SW8270ESIM			132	205	119	548
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			119	180	107	497
Benzothiophene	SW8270ESIM			5.5	11.4 J	5.4	21.7 J
Carbazole	SW8270ESIM			13.7	11.8	13.8	97.5
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			265	401	237	1080
Decalin, cis-	SW8270ESIM			5.0 U	5.0 UJ	5.0 U	25.0 UJ
Decalin, trans-	SW8270ESIM			5.0 U	5.0 UJ	5.0 U	25.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			39.8	60.8	38.3	229

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			11/16/2020	11/9/2020	11/16/2020	11/8/2020
Dibenzothiophene	SW8270ESIM			0 - 10.3 in	0 - 1 ft	0 - 9 in	0 - 1 ft
Fluoranthene	SW8270E			N	N	N	N
Fluoranthene	SW8270ESIM			7622340.425	7622249.493	7622247.998	7622422.809
Fluorene	SW8270E			706936.284	706885.518	706887.591	706824.121
Fluorene	SW8270ESIM						
Indeno(1,2,3-c,d)pyrene	SW8270E						
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			12.3	15.8	10.8	42.6
Naphthalene	SW8270E		140000	22	37.1	19.2	88
Naphthalene	SW8270ESIM		140000	--	--	--	--
Perylene	SW8270ESIM			486	624	421	1810
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			38	54.6	33.4	144
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			270	377	243	1100
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	58.6	166	60	260
PH-ROD Total HPAH (U = 1/2 max limit)				119	317	137	494
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		259	343	221	1060
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			656	742	476	1960
C1-Decalins	SW8270ESIM			499 T	740 T	450 T	2000 T
C1-Dibenz(a,h)anthracenes	SW8270ESIM			520 T	640 T	470 T	2100 T
C1-Dibenzothiophenes	SW8270ESIM			3200 JT	4200 T	2800 JT	12000 T
C1-Fluoranthenes/Pyrenes	SW8270ESIM			540 T	840 JT	462 T	2100 JT
C1-Fluorenes	SW8270ESIM			3800 JT	5000 JT	3200 JT	15000 JT
C1-Naphthalenes	SW8270ESIM			192	5.0 U	210	792
C1-Naphthobenzothiophenes	SW8270ESIM			5.4	9.2	4.8 J	17.7 J
C1-Phenanthrenes/Anthracenes	SW8270ESIM			12.3	5.0 U	5.0 U	43
C2-Benzanthracenes/Chrysenes	SW8270ESIM			56.2	88.7	65.1	429
C2-Benzo(b)thiophene	SW8270ESIM			26.5	41.2	25.8	72.9
C2-Decalins	SW8270ESIM			265	360	234	912
	SW8270ESIM			31.6	45.8	30.5	100
	SW8270ESIM			33.7	74.8	32.2	143
	SW8270ESIM			59	95.7	58.9	171
	SW8270ESIM			132	185	132	501
	SW8270ESIM			103	5.0 U	117	438
	SW8270ESIM			11.7	11.1	11.2	41.2
	SW8270ESIM			40	5.0 U	34.6	122

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			32	51.3	16.1	129
C2-Dibenzothiophenes	SW8270ESIM			44.8	61.5	41.5	150
C2-Fluoranthenes/Pyrenes	SW8270ESIM			136	206	127	475
C2-Fluorenes	SW8270ESIM			31	52	34	117
C2-Naphthalenes	SW8270ESIM			48.6	66.2	52.4	187
C2-Naphthobenzothiophenes	SW8270ESIM			42.1	78.9	42	111
C2-Phenanthrenes/Anthracenes	SW8270ESIM			134	181	130	449
C3-Benzanthracenes/Chrysenes	SW8270ESIM			53.7	5.0 U	63.8	223
C3-Benzo(b)thiophene	SW8270ESIM			11.3	5.0 U	12.8	25.0 U
C3-Decalins	SW8270ESIM			27.9	5.0 U	28.4	99.6
C3-Dibenz(a,h)anthracenes	SW8270ESIM			10.1	15.9	13.2	76
C3-Dibenzothiophenes	SW8270ESIM			39	63.3	33	135
C3-Fluoranthenes/Pyrenes	SW8270ESIM			135	157	65.7	297
C3-Fluorenes	SW8270ESIM			34.9	60	31	132
C3-Naphthalenes	SW8270ESIM			47.8	78.4	59.3	226
C3-Naphthobenzothiophenes	SW8270ESIM			72	52.3	54	25.0 U
C3-Phenanthrenes/Anthracenes	SW8270ESIM			109	146	101	346
C4-Benzanthracenes/Chrysenes	SW8270ESIM			25.8	5.0 U	34.1	95.2
C4-Decalins	SW8270ESIM			66.4	5.0 U	45.6	128
C4-Dibenzothiophenes	SW8270ESIM			25.2	37	23	64.9
C4-Fluoranthenes/Pyrenes	SW8270ESIM			103	150	86.8	247
C4-Naphthalenes	SW8270ESIM			32.1	53.9	54.9	99.6
C4-Naphthobenzothiophenes	SW8270ESIM			6.9	5.0 U	4.9 J	12.9 J
C4-Phenanthrenes/Anthracenes	SW8270ESIM			70.6	112	72.1	153
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			4.38 U	--	4.15 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			4.38 U	--	4.36 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			4.38 U	--	4.15 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			10.3	--	9.32 J	--
4,4'-DDE (p,p'-DDE)	SW8081B			4.38 U	--	4.15 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			4.38 U	--	6.02 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.38 UT	--	4.36 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				14.7 T	--	14.4 JT	--
PH-ROD Sum DDD (U = 1/2 max limit)				12.5 T	--	11.4 JT	--
PH-ROD Sum DDE (U = 1/2 max limit)				4.38 UT	--	4.36 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				4.38 UT	--	6.02 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	21.3 T	--	20.7 JT	--
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000200 U	--	0.000136 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000251 U	--	0.000197 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000934 J	--	0.000437 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00567	--	0.00226 J	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00190 J	--	0.000854 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.124	--	0.11	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			1.19	--	1.15	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00234	--	0.000732	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00347 J	--	0.000635	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0363 J	--	0.0203 J	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.273	--	0.283	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0139	--	0.0029	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0504	--	0.00639	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0189	--	0.00347	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0773	--	0.0112	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0164	--	0.0028	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00160 J	--	0.000504 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00521	--	0.00130 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0332	--	0.00923	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0106	--	0.00142 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0903	--	0.0161	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0335 J	--	0.00770 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.106	--	0.0201 J	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.142	--	0.03	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0979	--	0.026	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0491 JT	--	0.0092 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0242 JT	--	0.0044 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0218 JT	--	0.0052 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				1.64 JT	--	1.3 JT	--
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.00721	--	0.00777	--
PCB-002	E1668A			0.0104	--	0.0145	--
PCB-003	E1668A			0.00656 U	--	0.00715	--
PCB-004/010	E1668A			0.027	--	0.0216	--
PCB-005/008	E1668A			0.0508	--	0.0406	--
PCB-006	E1668A			0.0118	--	0.00869	--
PCB-007/009	E1668A			0.00544 J	--	0.000989 U	--
PCB-011	E1668A			0.0674	--	0.0736	--
PCB-012/013	E1668A			0.00805 J	--	0.00522 J	--
PCB-014	E1668A			0.00109 U	--	0.000946 U	--
PCB-015	E1668A			0.0422	--	0.0357	--
PCB-016/032	E1668A			0.0505	--	0.045	--
PCB-017	E1668A			0.0413	--	0.0329	--
PCB-018	E1668A			0.0772	--	0.0614	--
PCB-019	E1668A			0.0262	--	0.0226	--
PCB-020/021/033	E1668A			0.0697	--	0.062	--
PCB-022	E1668A			0.0422	--	0.0367	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			0.000413 U	--	0.000381 U	--
PCB-024/027	E1668A			0.00849 J	--	0.00732 J	--
PCB-025	E1668A			0.017	--	0.0141	--
PCB-026	E1668A			0.0281	--	0.0224	--
PCB-028	E1668A			0.142	--	0.123	--
PCB-029	E1668A			0.000809 J	--	0.000395 U	--
PCB-030	E1668A			0.000247 U	--	0.000212 U	--
PCB-031	E1668A			0.123	--	0.0948	--
PCB-034	E1668A			0.00132 J	--	0.00155 J	--
PCB-035	E1668A			0.00304 J	--	0.00280 J	--
PCB-036	E1668A			0.000352 U	--	0.000338 U	--
PCB-037	E1668A			0.0505	--	0.0451	--
PCB-038	E1668A			0.00363 J	--	0.00317 U	--
PCB-039	E1668A			0.000374 U	--	0.000881 J	--
PCB-040	E1668A			0.0323	--	0.0279	--
PCB-041/064/071/072	E1668A			0.164	--	0.144	--
PCB-042/059	E1668A			0.0559	--	0.0493	--
PCB-043/049	E1668A			0.193	--	0.172	--
PCB-044	E1668A			0.175	--	0.157	--
PCB-045	E1668A			0.0203	--	0.0181	--
PCB-046	E1668A			0.0106	--	0.00964	--
PCB-047	E1668A			0.122	--	0.111	--
PCB-048/075	E1668A			0.0288	--	0.0254	--
PCB-050	E1668A			0.00152 J	--	0.00119 J	--
PCB-051	E1668A			0.0232	--	0.0249	--
PCB-052/069	E1668A			0.244	--	0.231	--
PCB-053	E1668A			0.0356	--	0.0319	--
PCB-054	E1668A			0.00606	--	0.00523	--
PCB-055	E1668A			0.00350 J	--	0.00337 J	--
PCB-056/060	E1668A			0.124	--	0.104	--
PCB-057	E1668A			0.00109 J	--	0.00139 J	--
PCB-058	E1668A			0.00155 J	--	0.000948 J	--
PCB-061/070	E1668A			0.28	--	0.24	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000246 U	--	0.000274 U	--
PCB-063	E1668A			0.00953	--	0.00779	--
PCB-065	E1668A			0.000220 U	--	0.000245 U	--
PCB-066/076	E1668A			0.219	--	0.184	--
PCB-067	E1668A			0.00551	--	0.005	--
PCB-068	E1668A			0.00463 J	--	0.00367 J	--
PCB-073	E1668A			0.000997 J	--	0.000206 U	--
PCB-074	E1668A			0.0998	--	0.0849	--
PCB-077	E1668A			0.0268	--	0.0231	--
PCB-078	E1668A			0.00134 J	--	0.00110 J	--
PCB-079	E1668A			0.00637	--	0.00582	--
PCB-080	E1668A			0.000177 U	--	0.000192 U	--
PCB-081	E1668A			0.00194 J	--	0.000234 U	--
PCB-082	E1668A			0.0426	--	0.0363	--
PCB-083	E1668A			0.000201 U	--	0.000223 U	--
PCB-084/092	E1668A			0.189	--	0.171	--
PCB-085/116	E1668A			0.0644	--	0.0576	--
PCB-086	E1668A			0.000295 U	--	0.00121 J	--
PCB-087/117/125	E1668A			0.135	--	0.122	--
PCB-088/091	E1668A			0.0747	--	0.0694	--
PCB-089	E1668A			0.00337 J	--	0.00257 J	--
PCB-090/101	E1668A			0.499	--	0.462	--
PCB-093	E1668A			0.000374 U	--	0.000411 U	--
PCB-094	E1668A			0.00483 J	--	0.00492	--
PCB-095/098/102	E1668A			0.305	--	0.285	--
PCB-096	E1668A			0.00485 J	--	0.00441 J	--
PCB-097	E1668A			0.112	--	0.0983	--
PCB-099	E1668A			0.216	--	0.194	--
PCB-100	E1668A			0.0121	--	0.0109	--
PCB-103	E1668A			0.0119	--	0.0111	--
PCB-104	E1668A			0.00105 J	--	0.00112 J	--
PCB-105	E1668A			0.16	--	0.14	--
PCB-106/118	E1668A			0.418	--	0.369	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.033	--	0.0294	--
PCB-108/112	E1668A			0.0178	--	0.0157	--
PCB-110	E1668A			0.48	--	0.409	--
PCB-111/115	E1668A			0.00665 J	--	0.00605 J	--
PCB-113	E1668A			0.000984 J	--	0.000226 U	--
PCB-114	E1668A			0.00885	--	0.00897	--
PCB-119	E1668A			0.0181	--	0.0147	--
PCB-120	E1668A			0.00250 J	--	0.00202 J	--
PCB-121	E1668A			0.000195 U	--	0.000214 U	--
PCB-122	E1668A			0.00412 J	--	0.00440 J	--
PCB-123	E1668A			0.00764	--	0.00612	--
PCB-124	E1668A			0.0161	--	0.0146	--
PCB-126	E1668A			0.00291 J	--	0.00402 J	--
PCB-127	E1668A			0.000482 U	--	0.000399 U	--
PCB-128/162	E1668A			0.088	--	0.0787	--
PCB-129	E1668A			0.0211	--	0.0184	--
PCB-130	E1668A			0.047	--	0.0389	--
PCB-131/133	E1668A			0.0204	--	0.0179	--
PCB-132/161	E1668A			0.154	--	0.144	--
PCB-134/143	E1668A			0.0319	--	0.028	--
PCB-135	E1668A			0.086	--	0.0729	--
PCB-136	E1668A			0.0887	--	0.083	--
PCB-137	E1668A			0.0241	--	0.0232	--
PCB-138/163/164	E1668A			0.658	--	0.584	--
PCB-139/149	E1668A			0.511	--	0.461	--
PCB-140	E1668A			0.00606	--	0.00437 J	--
PCB-141	E1668A			0.12	--	0.107	--
PCB-142	E1668A			0.000483 U	--	0.000446 U	--
PCB-144	E1668A			0.0235	--	0.0237	--
PCB-145	E1668A			0.000108 U	--	0.000212 J	--
PCB-146/165	E1668A			0.122	--	0.103	--
PCB-147	E1668A			0.0172	--	0.0153	--
PCB-148	E1668A			0.00245 J	--	0.00229 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample ID	Sample Date	Depth	Sample Type
				11/16/2020	11/9/2020	0 - 10.3 in	N
				0 - 10.3 in	0 - 1 ft	0 - 9 in	0 - 1 ft
				N	N	N	N
				Easting	7622340.425	7622249.493	7622247.998
				Northing	706936.284	706885.518	706887.591
							7622422.809
							706824.121
PCB-150	E1668A			0.00312 J	--	0.00259 J	--
PCB-151	E1668A			0.159	--	0.144	--
PCB-152	E1668A			0.000758 J	--	0.000861 J	--
PCB-153	E1668A			0.664	--	0.579	--
PCB-154	E1668A			0.0187	--	0.0151	--
PCB-155	E1668A			0.000591 J	--	0.000525 J	--
PCB-156	E1668A			0.057	--	0.0527	--
PCB-157	E1668A			0.0121	--	0.0123	--
PCB-158/160	E1668A			0.0624	--	0.0575	--
PCB-159	E1668A			0.000291 U	--	0.00853	--
PCB-166	E1668A			0.00194 J	--	0.00136 J	--
PCB-167	E1668A			0.0236	--	0.0221	--
PCB-168	E1668A			0.00124 J	--	0.000644 J	--
PCB-169	E1668A			0.000323 U	--	0.00106 J	--
PCB-170	E1668A			0.193	--	0.159	--
PCB-171	E1668A			0.0518	--	0.0433	--
PCB-172	E1668A			0.0316	--	0.0259	--
PCB-173	E1668A			0.00536	--	0.00299 J	--
PCB-174	E1668A			0.205	--	0.18	--
PCB-175	E1668A			0.00762	--	0.00611	--
PCB-176	E1668A			0.0259	--	0.0226	--
PCB-177	E1668A			0.125	--	0.108	--
PCB-178	E1668A			0.0488	--	0.0413	--
PCB-179	E1668A			0.0995	--	0.0874	--
PCB-180	E1668A			0.455	--	0.38	--
PCB-181	E1668A			0.00281 J	--	0.000320 U	--
PCB-182/187	E1668A			0.268	--	0.235	--
PCB-183	E1668A			0.113	--	0.0946	--
PCB-184	E1668A			0.000977 J	--	0.000717 J	--
PCB-185	E1668A			0.0217	--	0.0213	--
PCB-186	E1668A			0.000405 U	--	0.000233 U	--
PCB-188	E1668A			0.000372 J	--	0.000551 J	--
PCB-189	E1668A			0.0071	--	0.00669 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0381	--	0.0342	--
PCB-191	E1668A			0.00751	--	0.00682	--
PCB-192	E1668A			0.000460 U	--	0.000264 U	--
PCB-193	E1668A			0.0263	--	0.022	--
PCB-194	E1668A			0.102	--	0.0809	--
PCB-195	E1668A			0.0433	--	0.0343	--
PCB-196/203	E1668A			0.128	--	0.1	--
PCB-197	E1668A			0.00477 J	--	0.00402 J	--
PCB-198	E1668A			0.00612	--	0.00542	--
PCB-199	E1668A			0.118	--	0.0975	--
PCB-200	E1668A			0.0154	--	0.0112	--
PCB-201	E1668A			0.0179	--	0.0124	--
PCB-202	E1668A			0.0247	--	0.0204	--
PCB-204	E1668A			0.000266 U	--	0.000327 U	--
PCB-205	E1668A			0.0051	--	0.00451 J	--
PCB-206	E1668A			0.0729	--	0.0596	--
PCB-207	E1668A			0.00999	--	0.00680 J	--
PCB-208	E1668A			0.023	--	0.0189	--
PCB-209	E1668A			0.0955	--	0.0723	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0209 T	--	0.0294 T	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.213 JT	--	0.186 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.686 JT	--	0.575 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				1.9 JT	--	1.7 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				2.9 JT	--	2.6 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				3.0 JT	--	2.70 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				1.73 JT	--	1.5 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.465 JT	--	0.37 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.106 T	--	0.0853 JT	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.0955 T	--	0.0723 T	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.0019 JT	--	0.0016 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.000022 JT	--	0.000026 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00032 JT	--	0.00045 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	11 JT	--	9.7 JT	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-013SG	USMPDI-014SC-A	USMPDI-014SG	USMPDI-018SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SG-201116	USMPDI-014SC-A-00-01-201109	USMPDI-014SG-201116	USMPDI-018SC-A-00-01-201108	
				Sample Date	11/16/2020	11/9/2020	11/16/2020	11/8/2020
				Depth	0 - 10.3 in	0 - 1 ft	0 - 9 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622340.425	7622249.493	7622247.998	7622422.809
				Northing	706936.284	706885.518	706887.591	706824.121
Total Petroleum Hydrocarbons (mg/kg)								
Diesel range hydrocarbons	NWTPHDx			132 U	102 U	113 U	102 U	
Motor oil range hydrocarbons	NWTPHDx			265 U	295	226 U	204 U	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample ID			
				Sample Date			
				Depth			
				Sample Type			
				Easting			
				Northing			
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			1.56 J	1.32 J	--	2.63 JT
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			2	2.5	--	2.3 T
Total Solids	SM2540G			48.7	38	--	45.6 T
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			104 J	--	116	96.0 T
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			19.9 J	--	28.8	11.6 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			37.5	--	51.7	24.3 JT
1-Methylphenanthrene	SW8270ESIM			92.8	--	82.3	67.5 T
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			18.8 J	--	172	14.3 JT
2,6-Dimethylnaphthalene	SW8270ESIM			30.2	--	37.1	26.0 T
2-Methylnaphthalene	SW8270E			--	653 U	--	--
2-Methylnaphthalene	SW8270ESIM			72.2	--	87.6	43.5 T
Acenaphthene	SW8270E			--	653 U	--	--
Acenaphthene	SW8270ESIM			103	--	130	93.3 T
Acenaphthylene	SW8270E			--	653 U	--	--
Acenaphthylene	SW8270ESIM			78.6 J	--	63.5 J	44.3 T
Anthracene	SW8270E			--	653 U	--	--
Anthracene	SW8270ESIM			152	--	161	134 T
Benzo(a)anthracene	SW8270E			--	419 J	--	--
Benzo(a)anthracene	SW8270ESIM			494 J	--	736	530 T
Benzo(a)pyrene	SW8270E			--	669	--	--
Benzo(a)pyrene	SW8270ESIM			967	--	1190	890 T
Benzo(b)fluoranthene	SW8270E			--	551 J	--	--
Benzo(b)fluoranthene	SW8270ESIM			542 J	--	791	580 T
Benzo(e)pyrene	SW8270ESIM			608	--	747	558 T
Benzo(g,h,i)perylene	SW8270E			--	481 J	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1050 J	--	1090	803 JT
Benzo(j)fluoranthene	SW8270ESIM			319 J	--	337	270 T
Benzo(j,k)fluoranthene	SW8270E			--	653 U	--	--
Benzo(k)fluoranthene	SW8270ESIM			310	--	333	277 T
Benzothiophene	SW8270ESIM			12.4 J	--	15.1 J	7.8 JT
Carbazole	SW8270ESIM			26.2	--	26.7	28.9 JT
Chrysene	SW8270E			--	487 J	--	--
Chrysene	SW8270ESIM			627	--	893	631 T
Decalin, cis-	SW8270ESIM			25.0 U	--	5.0 UJ	5.0 UT
Decalin, trans-	SW8270ESIM			25.0 U	--	5.0 UJ	5.0 UT
Dibenzo(a,h)anthracene	SW8270E			--	653 U	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			139	--	129	96.7 T

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			20.5 J	--	32.6	14.9 JT
Dibenzothiophene	SW8270ESIM			54.3	--	71.1	43.1 T
Fluoranthene	SW8270E			--	815	--	--
Fluoranthene	SW8270ESIM			1080	--	1480	1040 T
Fluorene	SW8270E			--	653 U	--	--
Fluorene	SW8270ESIM			81.4	--	103	62.7 T
Indeno(1,2,3-c,d)pyrene	SW8270E			--	400 J	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			706	--	856	633 JT
Naphthalene	SW8270E		140000	--	653 U	--	--
Naphthalene	SW8270ESIM		140000	170	--	209	96.0 T
Perylene	SW8270ESIM			255	--	374	222 T
Phenanthrene	SW8270E			--	509 J	--	--
Phenanthrene	SW8270ESIM			601	--	874	542 T
Pyrene	SW8270E			--	1010	--	--
Pyrene	SW8270ESIM			1260	--	1680	1210 T
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1200 JT	878 JT	1460 T	1100 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1300 JT	1100 JT	1560 T	1200 JT
PH-ROD Total HPAH (U = 1/2 max limit)				7500 JT	5500 JT	9520 T	7000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1300 JT	2470 JT	1600 JT	1010 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		8800 JT	8000 JT	11000 JT	8000 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			451	--	473	414 T
C1-Benzo(b)thiophene	SW8270ESIM			13.4 J	--	15.2	9.3 JT
C1-Decalins	SW8270ESIM			61.5	--	5.0 U	43.3 T
C1-Dibenz(a,h)anthracenes	SW8270ESIM			169	--	183	156 T
C1-Dibenzothiophenes	SW8270ESIM			75.3	--	89	57.8 T
C1-Fluoranthenes/Pyrenes	SW8270ESIM			549	--	597	566 T
C1-Fluorenes	SW8270ESIM			69.5	--	62.4	57.8 T
C1-Naphthalenes	SW8270ESIM			88.3	--	117	55.7 T
C1-Naphthobenzothiophenes	SW8270ESIM			123	--	134	124 T
C1-Phenanthrenes/Anthracenes	SW8270ESIM			402	--	344	296 T
C2-Benzanthracenes/Chrysenes	SW8270ESIM			264	--	280	250 T
C2-Benzo(b)thiophene	SW8270ESIM			21.3 J	--	25.2	17.8 JT
C2-Decalins	SW8270ESIM			119	--	5.0 U	98.3 T

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			85.6	--	5.0 U	57.2 T
C2-Dibenzothiophenes	SW8270ESIM			130	--	109	91.0 T
C2-Fluoranthenes/Pyrenes	SW8270ESIM			331	--	342	300 T
C2-Fluorenes	SW8270ESIM			102	--	80.3	73.5 T
C2-Naphthalenes	SW8270ESIM			140	--	212	92.0 T
C2-Naphthobenzothiophenes	SW8270ESIM			107	--	103	91.5 T
C2-Phenanthrenes/Anthracenes	SW8270ESIM			418	--	389	324 T
C3-Benzanthracenes/Chrysenes	SW8270ESIM			144	--	147	129 T
C3-Benzo(b)thiophene	SW8270ESIM			25.0 U	--	28.8	24.6 T
C3-Decalins	SW8270ESIM			87.8	--	5.0 U	60.5 T
C3-Dibenz(a,h)anthracenes	SW8270ESIM			31	--	5.0 U	22.7 JT
C3-Dibenzothiophenes	SW8270ESIM			108	--	104	86.3 T
C3-Fluoranthenes/Pyrenes	SW8270ESIM			246	--	265	245 T
C3-Fluorenes	SW8270ESIM			98	--	104	84.2 T
C3-Naphthalenes	SW8270ESIM			229	--	335	151 T
C3-Naphthobenzothiophenes	SW8270ESIM			128	--	63.8	96.0 T
C3-Phenanthrenes/Anthracenes	SW8270ESIM			305	--	310	245 T
C4-Benzanthracenes/Chrysenes	SW8270ESIM			60.5	--	64.9	58.7 T
C4-Decalins	SW8270ESIM			143	--	5.0 U	105 T
C4-Dibenzothiophenes	SW8270ESIM			58.2	--	5.0 U	48.1 T
C4-Fluoranthenes/Pyrenes	SW8270ESIM			195	--	168	199 T
C4-Naphthalenes	SW8270ESIM			99.6	--	225	73.0 T
C4-Naphthobenzothiophenes	SW8270ESIM			16.6 J	--	16.3	16.2 T
C4-Phenanthrenes/Anthracenes	SW8270ESIM			158	--	143	141 T
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			6.69 U	5.17 U	--	4.37 UT
2,4'-DDE (o,p'-DDE)	SW8081B			7.08 U	5.17 U	--	4.37 UT
2,4'-DDT (o,p'-DDT)	SW8081B			4.33 U	5.17 U	--	4.37 UT
4,4'-DDD (p,p'-DDD)	SW8081B			14.7	3.98 J	--	12.6 JT
4,4'-DDE (p,p'-DDE)	SW8081B			5.90 U	5.17 U	--	4.37 UT
4,4'-DDT (p,p'-DDT)	SW8081B			4.13 U	5.17 U	--	4.37 UT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				7.08 UT	5.17 UT	--	4.37 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				19.7 T	9.15 JT	--	17.0 JT
PH-ROD Sum DDD (U = 1/2 max limit)				18.0 T	6.57 JT	--	14.8 JT
PH-ROD Sum DDE (U = 1/2 max limit)				7.08 UT	5.17 UT	--	4.37 UT
PH-ROD Sum DDT (U = 1/2 max limit)				4.33 UT	5.17 UT	--	4.37 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	28.8 T	16.9 JT	--	23.5 JT
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000140 U	0.000474 U	--	0.000134 UT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000362 U	0.000711 U	--	0.000395 JT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000297 U	0.00107 U	--	0.000714 JT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00109 J	0.00191 J	--	0.00219 JT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000303 U	0.00104 U	--	0.000915 JT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0283 J	0.0537	--	0.0531 T
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.27 J	0.551	--	0.496 T
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000448	0.000474 U	--	0.00132 T
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000362 U	0.000711 U	--	0.00144 JT
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00928 J	0.0117 J	--	0.0132 JT
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0755 J	0.123 J	--	0.120 T
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00302 J	0.0042	--	0.00371 JT
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00319	0.00458	--	0.00747 JT
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00224 J	0.00263	--	0.00344 JT
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00517	0.0102	--	0.0182 JT
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00151 J	0.00279	--	0.00548 JT
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000305 J	0.000741 U	--	0.00130 JT
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000611 J	0.000590 U	--	0.00121 JT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00543	0.0164	--	0.0211 T
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00131 J	0.00283	--	0.00367 JT
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0139	0.0554	--	0.0392 T
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0110 J	0.00669 J	--	0.0103 JT
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0125 J	0.0142	--	0.0200 JT
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0148 J	0.0268 J	--	0.0393 T
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0155 J	0.0494	--	0.0509 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0067 JT	0.00965 JT	--	0.0115 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0027 JT	0.00431 JT	--	0.00611 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0027 JT	0.00451 JT	--	0.00603 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.34 JT	0.708 JT	--	0.658 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.00658 J	0.00514	--	0.00907 JT
PCB-002	E1668A			0.0137	0.0127	--	0.0124 T
PCB-003	E1668A			0.0108	0.00698	--	0.00855 T
PCB-004/010	E1668A			0.0228	0.0249	--	0.0218 T
PCB-005/008	E1668A			0.0434	0.0407	--	0.0422 T
PCB-006	E1668A			0.00981 J	0.0122	--	0.0103 JT
PCB-007/009	E1668A			0.00120 U	0.00469 J	--	0.00736 JT
PCB-011	E1668A			0.066	0.0788	--	0.110 T
PCB-012/013	E1668A			0.00930 J	0.00871 J	--	0.00767 JT
PCB-014	E1668A			0.00116 U	0.000625 U	--	0.000502 UT
PCB-015	E1668A			0.0576	0.0458	--	0.0436 T
PCB-016/032	E1668A			0.0584	0.0454	--	0.0519 T
PCB-017	E1668A			0.0518	0.0398	--	0.0420 T
PCB-018	E1668A			0.0894	0.0635	--	0.0749 T
PCB-019	E1668A			0.0277	0.0267	--	0.0227 T
PCB-020/021/033	E1668A			0.0979	0.068	--	0.0742 T
PCB-022	E1668A			0.0567	0.0407	--	0.0454 T

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			0.000455 U	0.000369 U	--	0.000335 UT
PCB-024/027	E1668A			0.00902 J	0.00820 J	--	0.00818 JT
PCB-025	E1668A			0.022	0.0197	--	0.0187 T
PCB-026	E1668A			0.0358	0.0294	--	0.0303 T
PCB-028	E1668A			0.219	0.155	--	0.166 T
PCB-029	E1668A			0.000471 U	0.000822 J	--	0.000979 JT
PCB-030	E1668A			0.000271 U	0.000184 U	--	0.000193 UT
PCB-031	E1668A			0.162	0.114	--	0.123 T
PCB-034	E1668A			0.00260 J	0.00150 J	--	0.00148 JT
PCB-035	E1668A			0.00401 J	0.00325 J	--	0.00382 JT
PCB-036	E1668A			0.000391 U	0.000829 J	--	0.00103 JT
PCB-037	E1668A			0.077	0.0542	--	0.0580 T
PCB-038	E1668A			0.00377 J	0.00288 J	--	0.00295 UT
PCB-039	E1668A			0.00157 J	0.000863 J	--	0.000952 JT
PCB-040	E1668A			0.0422	0.0342	--	0.0382 T
PCB-041/064/071/072	E1668A			0.222	0.16	--	0.195 T
PCB-042/059	E1668A			0.0785	0.0574	--	0.0694 T
PCB-043/049	E1668A			0.256	0.212	--	0.239 T
PCB-044	E1668A			0.234	0.189	--	0.227 T
PCB-045	E1668A			0.0296	0.0221	--	0.0260 T
PCB-046	E1668A			0.0127	0.00979	--	0.0123 T
PCB-047	E1668A			0.136	0.135	--	0.14 T
PCB-048/075	E1668A			0.043	0.0299	--	0.0362 T
PCB-050	E1668A			0.00180 J	0.00177 J	--	0.00174 JT
PCB-051	E1668A			0.0238	0.0269	--	0.0311 T
PCB-052/069	E1668A			0.312	0.278	--	0.314 T
PCB-053	E1668A			0.043	0.0395	--	0.0437 T
PCB-054	E1668A			0.00566	0.00509 J	--	0.00623 JT
PCB-055	E1668A			0.00454 J	0.00325 J	--	0.00364 JT
PCB-056/060	E1668A			0.175	0.128	--	0.150 T
PCB-057	E1668A			0.00253 J	0.00109 J	--	0.00146 JT
PCB-058	E1668A			0.00185 J	0.00147 J	--	0.00146 JT
PCB-061/070	E1668A			0.397	0.296	--	0.338 T

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000383 U	0.000313 U	--	0.000308 UT
PCB-063	E1668A			0.0134	0.00985	--	0.0108 JT
PCB-065	E1668A			0.000342 U	0.000276 U	--	0.000276 UT
PCB-066/076	E1668A			0.324	0.232	--	0.261 T
PCB-067	E1668A			0.00875	0.00548	--	0.00712 T
PCB-068	E1668A			0.00626	0.00452 J	--	0.00470 JT
PCB-073	E1668A			0.00143 J	0.00146 J	--	0.00136 JT
PCB-074	E1668A			0.142	0.101	--	0.116 T
PCB-077	E1668A			0.0361	0.0274	--	0.0304 T
PCB-078	E1668A			0.00165 J	0.000234 U	--	0.00135 JT
PCB-079	E1668A			0.00805	0.00553	--	0.00589 JT
PCB-080	E1668A			0.000280 U	0.000212 U	--	0.000226 UT
PCB-081	E1668A			0.00295 J	0.00181 J	--	0.00229 JT
PCB-082	E1668A			0.0496	0.0529	--	0.0566 T
PCB-083	E1668A			0.000237 U	0.000272 U	--	0.000184 UT
PCB-084/092	E1668A			0.226	0.22	--	0.239 T
PCB-085/116	E1668A			0.0743	0.0744	--	0.0767 T
PCB-086	E1668A			0.000349 U	0.00170 J	--	0.00168 JT
PCB-087/117/125	E1668A			0.155	0.16	--	0.171 T
PCB-088/091	E1668A			0.0867	0.0843	--	0.0893 T
PCB-089	E1668A			0.00411 J	0.00364 J	--	0.00449 JT
PCB-090/101	E1668A			0.624	0.571	--	0.629 T
PCB-093	E1668A			0.000439 U	0.00486 J	--	0.0105 T
PCB-094	E1668A			0.00502	0.00512 J	--	0.00586 T
PCB-095/098/102	E1668A			0.363	0.354	--	0.387 T
PCB-096	E1668A			0.00437 J	0.00527 J	--	0.00501 T
PCB-097	E1668A			0.131	0.134	--	0.14 T
PCB-099	E1668A			0.272	0.228	--	0.254 T
PCB-100	E1668A			0.0108	0.0139	--	0.0117 T
PCB-103	E1668A			0.0143	0.0131	--	0.0122 T
PCB-104	E1668A			0.00111 J	0.00123 J	--	0.00125 JT
PCB-105	E1668A			0.169	0.19	--	0.187 T
PCB-106/118	E1668A			0.488	0.468	--	0.483 T

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.043	0.0377	--	0.0384 T
PCB-108/112	E1668A			0.0216	0.0203	--	0.0222 T
PCB-110	E1668A			0.556	0.528	--	0.574 T
PCB-111/115	E1668A			0.00741 J	0.00619 J	--	0.00669 JT
PCB-113	E1668A			0.00233 J	0.000290 U	--	0.00839 T
PCB-114	E1668A			0.00938	0.00956	--	0.00983 T
PCB-119	E1668A			0.0222	0.0187	--	0.0189 T
PCB-120	E1668A			0.00403 J	0.00330 J	--	0.00314 JT
PCB-121	E1668A			0.000756 J	0.000260 J	--	0.00156 JT
PCB-122	E1668A			0.00538	0.0062	--	0.00587 T
PCB-123	E1668A			0.00792	0.00743	--	0.00776 T
PCB-124	E1668A			0.0186	0.0169	--	0.0198 JT
PCB-126	E1668A			0.00294 J	0.00347 J	--	0.00289 JT
PCB-127	E1668A			0.000497 U	0.000461 U	--	0.000509 UT
PCB-128/162	E1668A			0.0881	0.106	--	0.102 T
PCB-129	E1668A			0.0213	0.0266	--	0.0244 T
PCB-130	E1668A			0.0465	0.0443	--	0.0504 T
PCB-131/133	E1668A			0.0238	0.0249	--	0.0230 T
PCB-132/161	E1668A			0.176	0.181	--	0.185 T
PCB-134/143	E1668A			0.0352	0.038	--	0.0364 T
PCB-135	E1668A			0.097	0.0904	--	0.0923 T
PCB-136	E1668A			0.105	0.104	--	0.106 T
PCB-137	E1668A			0.024	0.0259	--	0.0273 T
PCB-138/163/164	E1668A			0.704	0.754	--	0.747 T
PCB-139/149	E1668A			0.579	0.537	--	0.579 T
PCB-140	E1668A			0.00594 J	0.00535	--	0.00617 JT
PCB-141	E1668A			0.133	0.133	--	0.138 T
PCB-142	E1668A			0.000647 U	0.000536 U	--	0.000419 JT
PCB-144	E1668A			0.0291	0.0254 J	--	0.0321 T
PCB-145	E1668A			0.000129 U	0.000228 U	--	0.000187 JT
PCB-146/165	E1668A			0.141	0.13	--	0.132 T
PCB-147	E1668A			0.0178	0.0194	--	0.0185 T
PCB-148	E1668A			0.00297 J	0.00230 J	--	0.00287 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.00325 J	0.00275 J	--	0.00295 JT
PCB-151	E1668A			0.183	0.183	--	0.182 T
PCB-152	E1668A			0.000614 J	0.000993 J	--	0.00117 JT
PCB-153	E1668A			0.734	0.718	--	0.729 T
PCB-154	E1668A			0.021	0.0182 J	--	0.0191 T
PCB-155	E1668A			0.000608 J	0.000260 U	--	0.000670 JT
PCB-156	E1668A			0.0573	0.0666	--	0.0662 T
PCB-157	E1668A			0.0115	0.0147	--	0.0141 T
PCB-158/160	E1668A			0.0644	0.0753	--	0.0736 T
PCB-159	E1668A			0.000360 U	0.000330 U	--	0.00827 JT
PCB-166	E1668A			0.00206 J	0.00171 J	--	0.00202 JT
PCB-167	E1668A			0.0248	0.0275	--	0.0266 T
PCB-168	E1668A			0.00126 J	0.00119 J	--	0.000986 JT
PCB-169	E1668A			0.000379 U	0.000400 U	--	0.000409 UT
PCB-170	E1668A			0.194	0.214	--	0.196 T
PCB-171	E1668A			0.0539	0.0575	--	0.0573 T
PCB-172	E1668A			0.0331	0.0348	--	0.0341 T
PCB-173	E1668A			0.00441 J	0.00534	--	0.00463 JT
PCB-174	E1668A			0.22	0.223	--	0.229 T
PCB-175	E1668A			0.00884	0.00926	--	0.00901 T
PCB-176	E1668A			0.029	0.0274	--	0.0302 T
PCB-177	E1668A			0.133	0.137	--	0.137 T
PCB-178	E1668A			0.053	0.0535	--	0.0499 T
PCB-179	E1668A			0.112	0.0981	--	0.11 T
PCB-180	E1668A			0.481	0.494	--	0.479 T
PCB-181	E1668A			0.00290 J	0.000403 U	--	0.00429 JT
PCB-182/187	E1668A			0.299	0.286	--	0.280 T
PCB-183	E1668A			0.12	0.118	--	0.121 T
PCB-184	E1668A			0.000553 J	0.000940 J	--	0.000773 JT
PCB-185	E1668A			0.025	0.0253	--	0.0254 T
PCB-186	E1668A			0.000246 U	0.000286 U	--	0.000293 UT
PCB-188	E1668A			0.00111 J	0.00122 J	--	0.000694 JT
PCB-189	E1668A			0.00763	0.00768	--	0.00747 T

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SG-201116	USMPDI-021SG-201010	USMPDI-022SC-A-00-01-201108	USMPDI-022SG-201116
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0427	0.0421	--	0.0430 T
PCB-191	E1668A			0.00831	0.00781	--	0.00806 T
PCB-192	E1668A			0.000267 U	0.000325 U	--	0.000330 UT
PCB-193	E1668A			0.0263	0.0264	--	0.0271 T
PCB-194	E1668A			0.0997	0.115	--	0.0975 T
PCB-195	E1668A			0.0355	0.0471	--	0.0425 T
PCB-196/203	E1668A			0.123	0.131	--	0.126 T
PCB-197	E1668A			0.00425 J	0.00462 J	--	0.00437 JT
PCB-198	E1668A			0.00501 J	0.00618	--	0.00462 JT
PCB-199	E1668A			0.121	0.124	--	0.12 T
PCB-200	E1668A			0.0156	0.0153	--	0.0151 T
PCB-201	E1668A			0.0171	0.0175	--	0.0165 T
PCB-202	E1668A			0.0245	0.0267	--	0.0245 T
PCB-204	E1668A			0.000321 U	0.000296 U	--	0.000488 JT
PCB-205	E1668A			0.00551	0.00551	--	0.00450 JT
PCB-206	E1668A			0.0695	0.125	--	0.112 T
PCB-207	E1668A			0.0101	0.0126	--	0.0372 T
PCB-208	E1668A			0.0223	0.0428	--	0.0599 T
PCB-209	E1668A			0.0996	0.227	--	1.73 T
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0311 JT	0.0248 T	--	0.0300 JT
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.210 JT	0.216 JT	--	0.24 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.919 JT	0.675 JT	--	0.725 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				2.57 JT	2.0 JT	--	2.3 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				3.38 JT	3.2 JT	--	3.5 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				3.33 JT	3.4 JT	--	3.43 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				1.9 JT	1.87 JT	--	1.8 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.451 JT	0.493 JT	--	0.46 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.102 T	0.180 T	--	0.209 T
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.0996 T	0.227 T	--	1.73 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.00242 JT	0.0019 JT	--	0.00207 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000237 JT	0.000025 JT	--	0.0000226 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000327 JT	0.00038 JT	--	0.000322 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	13 JT	12 JT	--	14 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-018SG	USMPDI-021SG	USMPDI-022SC-A	USMPDI-022SG
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-018SG-201116	11/16/2020	0 - 10.5 in	N	7622421.802	706819.286	
	USMPDI-021SG-201010	10/10/2020	0 - 10.5 in	N	7622535.083	706824.634	
	USMPDI-022SC-A-00-01-201108	11/8/2020	0 - 1 ft	N	7622530.882	706750.584	
	USMPDI-022SG-201116	11/16/2020	0 - 10 in	N	7622530.282	706744.728	
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			113 U	--	98.5 U	121 UT
Motor oil range hydrocarbons	NWTPHDx			226	--	197 U	242 UT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample ID	Sample Date	Depth	Sample Type
				11/7/2020	0 - 1 ft	N	
				7622610.635	706778.733	7622618.435	706783.183
				7622503.364	706611.945	7622586.187	706621.989
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			--	2.02 J	1.18	--
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			--	2.4	2.3	--
Total Solids	SM2540G			--	38.3	46.3	--
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			293	56.3	29.5	362
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			42.7	6.7 J	3.3 J	74.7

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample Date 11/7/2020	10/10/2020	10/12/2020	11/6/2020
				Depth 0 - 1 ft	0 - 10.5 in	0 - 10.2 in	0 - 1 ft
				Sample Type N	N	N	N
				Easting 7622610.635	7622618.435	7622503.364	7622586.187
				Northing 706778.733	706783.183	706611.945	706621.989
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			50.6	14.1 J	6.0 J	109
1-Methylphenanthrene	SW8270ESIM			419	41.5	18.7	265
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			74.1	8.4	4.2 J	57.4
2,6-Dimethylnaphthalene	SW8270ESIM			113	10.6	3.9 J	74.8
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			110	19.5 J	8.5	223
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			713	55.6 J	21.1	884
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			258	27.5 J	15.5 J	126
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			552	78.8 J	38.4	522
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			1820	255	133	1700
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			2270	417 J	210	2850
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1390	248 J	144	1470
Benzo(e)pyrene	SW8270ESIM			1610	275 J	140	1660
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			2040	403 J	192	2080
Benzo(j)fluoranthene	SW8270ESIM			883	143	80.3	1210
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			801	135	72	1180
Benzothiophene	SW8270ESIM			15.4 J	2.9 J	1.6 J	24.7 J
Carbazole	SW8270ESIM			22.7 U	11.9 J	9.1	233
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			2180	323 J	164	2060
Decalin, cis-	SW8270ESIM			22.7 UJ	5.0 UJ	5.0 UJ	4.7 UJ
Decalin, trans-	SW8270ESIM			22.7 UJ	5.0 UJ	5.0 UJ	8.1 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			202	44.5	23.6	225

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			11/7/2020	10/10/2020	10/12/2020	11/6/2020
Dibenzothiophene	SW8270ESIM			0 - 1 ft	0 - 10.5 in	0 - 10.2 in	0 - 1 ft
Fluoranthene	SW8270E			N	N	N	N
Fluoranthene	SW8270ESIM			7622610.635	7622618.435	7622503.364	7622586.187
Fluorene	SW8270E			706778.733	706783.183	706611.945	706621.989
Fluorene	SW8270ESIM						
Indeno(1,2,3-c,d)pyrene	SW8270E						
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			71.8	9.5	4.4 J	243
Naphthalene	SW8270E		140000	301	30.8	11.1	170
Naphthalene	SW8270ESIM		140000	--	--	--	--
Perylene	SW8270ESIM			4920	485 J	286	4800
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			394	39.4 J	16.4	528
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			1340	270 J	135	1680
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	211	34.0 J	18.5	790 J
PH-ROD Total HPAH (U = 1/2 max limit)				658	133	98.4	845
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		4540	318 J	127	3110
C1-Benzanthracenes/Chrysenes	SW8270ESIM			6220	579	329	4940
C1-Benzo(b)thiophene	SW8270ESIM			3070 T	526 JT	296 T	3860 T
C1-Decalins	SW8270ESIM			2940 T	540 JT	280 T	3600 T
C1-Dibenz(a,h)anthracenes	SW8270ESIM			24100 T	3300 JT	1800 T	24000 T
C1-Dibenzothiophenes	SW8270ESIM			6800 T	573 JT	250 JT	6200 JT
C1-Fluoranthenes/Pyrenes	SW8270ESIM			31000 T	3900 JT	2000 JT	30000 JT
C1-Fluorenes	SW8270ESIM			1030	5.0 U	178	1290
C1-Naphthalenes	SW8270ESIM			22.9	5.4	4.0 J	30
C1-Naphthobenzothiophenes	SW8270ESIM			76.4	5.0 U	15	117
C1-Phenanthrenes/Anthracenes	SW8270ESIM			256	92.2	43.2	420
C2-Benzanthracenes/Chrysenes	SW8270ESIM			309	39.3	17.9	210
C2-Benzo(b)thiophene	SW8270ESIM			2090	283	178	1820
C2-Decalins	SW8270ESIM			327	41.2	21.6	252
				135	27.9	15.4	302
				260	45	26.3	388
				1820	191	85.2	1150
				510	130	84.4	643
				57.2	9	5.1	43.2
				226	63.8	36.1	271

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample Date 11/7/2020	10/10/2020	10/12/2020	11/6/2020
				Depth 0 - 1 ft	0 - 10.5 in	0 - 10.2 in	0 - 1 ft
				Sample Type N	N	N	N
				Easting 7622610.635	7622618.435	7622503.364	7622586.187
				Northing 706778.733	706783.183	706611.945	706621.989
C2-Dibenz(a,h)anthracenes	SW8270ESIM			116	33.3	13.9	191
C2-Dibenzothiophenes	SW8270ESIM			296	57.7	26.6	294
C2-Fluoranthenes/Pyrenes	SW8270ESIM			765	167	91.1	1050
C2-Fluorenes	SW8270ESIM			292	44.5	25.6	249
C2-Naphthalenes	SW8270ESIM			377	56.1	24.6	326
C2-Naphthobenzothiophenes	SW8270ESIM			144	53.8	34.2	254
C2-Phenanthrenes/Anthracenes	SW8270ESIM			1070	178	87.4	952
C3-Benzanthracenes/Chrysenes	SW8270ESIM			242	72.1	41.8	386
C3-Benzo(b)thiophene	SW8270ESIM			86.5	14.1	4.0 J	74.4
C3-Decalins	SW8270ESIM			124	26.8	27.3	192
C3-Dibenz(a,h)anthracenes	SW8270ESIM			25.5	15.3	7.9	57.9
C3-Dibenzothiophenes	SW8270ESIM			208	53.6	28	240
C3-Fluoranthenes/Pyrenes	SW8270ESIM			414	80.6	45.5	679
C3-Fluorenes	SW8270ESIM			275	53.2	24.7	295
C3-Naphthalenes	SW8270ESIM			536	58.7	22.5	447
C3-Naphthobenzothiophenes	SW8270ESIM			22.7 U	26.4	30.1	9
C3-Phenanthrenes/Anthracenes	SW8270ESIM			536	123	71.3	604
C4-Benzanthracenes/Chrysenes	SW8270ESIM			79.2	20.8	16.1	200
C4-Decalins	SW8270ESIM			213	22.9	31.4	340
C4-Dibenzothiophenes	SW8270ESIM			91.1	28.9	22.6	170
C4-Fluoranthenes/Pyrenes	SW8270ESIM			367	95.8	54	572
C4-Naphthalenes	SW8270ESIM			324	50.9	17.7	353
C4-Naphthobenzothiophenes	SW8270ESIM			29.2	6.4	5.6	88.3
C4-Phenanthrenes/Anthracenes	SW8270ESIM			146	59	20.2	329
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	5.04 U	6.39 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	5.04 U	9.48 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	5.04 U	5.56 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	2.92 J	6.76	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	5.04 U	5.56 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	5.04 U	15.4	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample ID	Sample Date	Depth	Sample Type
				11/7/2020	0 - 1 ft	N	
				Easting	7622610.635	7622503.364	7622586.187
				Northing	706778.733	706611.945	706621.989
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	5.04 UT	9.48 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	7.96 JT	24.9 T	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	5.44 JT	9.96 T	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	5.04 UT	9.48 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	5.04 UT	18.2 T	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	15.5 JT	35.7 T	--
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000855 U	0.000192 J	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000916 U	0.000445 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00141 U	0.000589 J	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00382 J	0.00259	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00162 U	0.00135 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0959 J	0.062	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	1.1 J	0.586	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00206	0.00287 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00179	0.00419 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0312 J	0.0222	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.223 J	0.151	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0159	0.00364	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0205	0.00331	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00988	0.00208 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0314 J	0.00659	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00616	0.00187 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000775 J	0.000272 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000637 U	0.000912 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0266	0.0134	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00652	0.00176 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0632 J	0.0355	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0258	0.0118 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0514 J	0.0139	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0678 J	0.0250 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0748	0.0387	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.033 JT	0.00812 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.012 JT	0.00360 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.012 JT	0.00410 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	1.4 JT	0.723 JT	--
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	0.000233 U	0.00109 J	--
PCB-002	E1668A			--	0.00223 J	0.00322 J	--
PCB-003	E1668A			--	0.00177 J	0.000892 J	--
PCB-004/010	E1668A			--	0.00298 J	0.00427 J	--
PCB-005/008	E1668A			--	0.000830 U	0.00596 J	--
PCB-006	E1668A			--	0.000805 U	0.000678 U	--
PCB-007/009	E1668A			--	0.000858 U	0.000719 U	--
PCB-011	E1668A			--	0.00684	0.0124 J	--
PCB-012/013	E1668A			--	0.000813 U	0.000661 U	--
PCB-014	E1668A			--	0.000821 U	0.000657 U	--
PCB-015	E1668A			--	0.00299 J	0.00623	--
PCB-016/032	E1668A			--	0.00507 J	0.00768 J	--
PCB-017	E1668A			--	0.00280 J	0.00558 J	--
PCB-018	E1668A			--	0.00480 J	0.0103	--
PCB-019	E1668A			--	0.00262 J	0.00488	--
PCB-020/021/033	E1668A			--	0.00444 J	0.0112 J	--
PCB-022	E1668A			--	0.00328 J	0.00663	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample ID	Sample Date	Depth	Sample Type
				11/7/2020	0 - 1 ft	N	
				7622610.635	706778.733	7622618.435	706783.183
				7622503.364	706611.945	7622586.187	706621.989
PCB-023	E1668A			--	0.000348 U	0.000433 U	--
PCB-024/027	E1668A			--	0.000671 J	0.00153 J	--
PCB-025	E1668A			--	0.000870 J	0.00307 J	--
PCB-026	E1668A			--	0.00209 J	0.00513	--
PCB-028	E1668A			--	0.0116	0.0226	--
PCB-029	E1668A			--	0.000344 U	0.000448 U	--
PCB-030	E1668A			--	0.000255 U	0.000370 U	--
PCB-031	E1668A			--	0.00836	0.0201	--
PCB-034	E1668A			--	0.000325 U	0.000440 U	--
PCB-035	E1668A			--	0.000288 U	0.00112 J	--
PCB-036	E1668A			--	0.000279 U	0.000370 U	--
PCB-037	E1668A			--	0.00334 J	0.00998	--
PCB-038	E1668A			--	0.000285 U	0.000377 U	--
PCB-039	E1668A			--	0.000304 U	0.000394 U	--
PCB-040	E1668A			--	0.00407 J	0.00506 J	--
PCB-041/064/071/072	E1668A			--	0.0149 J	0.0299	--
PCB-042/059	E1668A			--	0.00577 J	0.00984	--
PCB-043/049	E1668A			--	0.0182	0.0383	--
PCB-044	E1668A			--	0.0176	0.037	--
PCB-045	E1668A			--	0.00338 J	0.00409 J	--
PCB-046	E1668A			--	0.00103 J	0.00166 J	--
PCB-047	E1668A			--	0.00984	0.0184	--
PCB-048/075	E1668A			--	0.00298 J	0.00516 J	--
PCB-050	E1668A			--	0.000333 U	0.000527 J	--
PCB-051	E1668A			--	0.00171 J	0.00369 J	--
PCB-052/069	E1668A			--	0.0222	0.0578	--
PCB-053	E1668A			--	0.00338 J	0.00692	--
PCB-054	E1668A			--	0.000488 J	0.000894 J	--
PCB-055	E1668A			--	0.000224 U	0.000733 J	--
PCB-056/060	E1668A			--	0.0111	0.0217	--
PCB-057	E1668A			--	0.000234 U	0.000295 J	--
PCB-058	E1668A			--	0.000226 U	0.000324 U	--
PCB-061/070	E1668A			--	0.0265	0.0551	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample ID	Sample Date	Depth	Sample Type
				11/7/2020	0 - 1 ft	N	N
				7622610.635	7622618.435	7622503.364	7622586.187
				706778.733	706783.183	706611.945	706621.989
PCB-062	E1668A			--	0.000284 U	0.000425 U	--
PCB-063	E1668A			--	0.000731 J	0.00172 J	--
PCB-065	E1668A			--	0.000250 U	0.000381 U	--
PCB-066/076	E1668A			--	0.0203	0.0378	--
PCB-067	E1668A			--	0.000251 U	0.00117 J	--
PCB-068	E1668A			--	0.000383 J	0.000841 J	--
PCB-073	E1668A			--	0.000244 U	0.000371 U	--
PCB-074	E1668A			--	0.0079	0.0163	--
PCB-077	E1668A			--	0.00153 J	0.00843	--
PCB-078	E1668A			--	0.000232 U	0.000358 U	--
PCB-079	E1668A			--	0.000231 U	0.00163 J	--
PCB-080	E1668A			--	0.000221 U	0.000309 U	--
PCB-081	E1668A			--	0.000251 U	0.000745 J	--
PCB-082	E1668A			--	0.00318 J	0.0124	--
PCB-083	E1668A			--	0.000255 U	0.000321 U	--
PCB-084/092	E1668A			--	0.0126	0.0477	--
PCB-085/116	E1668A			--	0.00455 J	0.0172	--
PCB-086	E1668A			--	0.000418 U	0.000473 U	--
PCB-087/117/125	E1668A			--	0.00923 J	0.0364	--
PCB-088/091	E1668A			--	0.00527 J	0.0174	--
PCB-089	E1668A			--	0.000375 U	0.000469 U	--
PCB-090/101	E1668A			--	0.0295	0.121	--
PCB-093	E1668A			--	0.000466 J	0.000590 U	--
PCB-094	E1668A			--	0.000445 U	0.000794 J	--
PCB-095/098/102	E1668A			--	0.0179	0.0764	--
PCB-096	E1668A			--	0.000286 U	0.00120 J	--
PCB-097	E1668A			--	0.00866	0.0289	--
PCB-099	E1668A			--	0.0118	0.0498	--
PCB-100	E1668A			--	0.000587 J	0.00177 J	--
PCB-103	E1668A			--	0.000850 J	0.00212 J	--
PCB-104	E1668A			--	0.000294 U	0.000353 U	--
PCB-105	E1668A			--	0.0104	0.0352	--
PCB-106/118	E1668A			--	0.0211	0.0857	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample ID	Sample Date	Depth	Sample Type
				Easting	Northing		
				11/7/2020	0 - 1 ft	N	
				7622610.635	706778.733		
				10/10/2020	0 - 10.5 in	N	
				7622618.435	706783.183		
				10/12/2020	0 - 10.2 in	N	
				7622503.364	706611.945		
				11/6/2020	0 - 1 ft	N	
				7622586.187	706621.989		
PCB-107/109	E1668A			--	0.00151 J	0.00675 J	--
PCB-108/112	E1668A			--	0.00130 J	0.00485 J	--
PCB-110	E1668A			--	0.0269	0.109	--
PCB-111/115	E1668A			--	0.000725 J	0.00144 J	--
PCB-113	E1668A			--	0.000274 U	0.000329 U	--
PCB-114	E1668A			--	0.000282 U	0.000918 J	--
PCB-119	E1668A			--	0.00111 J	0.00342 J	--
PCB-120	E1668A			--	0.000497 J	0.000279 U	--
PCB-121	E1668A			--	0.000247 U	0.000307 U	--
PCB-122	E1668A			--	0.000341 U	0.00102 J	--
PCB-123	E1668A			--	0.000274 U	0.00166 J	--
PCB-124	E1668A			--	0.00102 J	0.00409 J	--
PCB-126	E1668A			--	0.000294 U	0.00121 J	--
PCB-127	E1668A			--	0.000294 U	0.000344 U	--
PCB-128/162	E1668A			--	0.00451 J	0.019	--
PCB-129	E1668A			--	0.000621 J	0.00483	--
PCB-130	E1668A			--	0.00197 J	0.00917	--
PCB-131/133	E1668A			--	0.000719 J	0.00380 J	--
PCB-132/161	E1668A			--	0.00736 J	0.0289	--
PCB-134/143	E1668A			--	0.00153 J	0.00665 J	--
PCB-135	E1668A			--	0.00360 J	0.0146	--
PCB-136	E1668A			--	0.00551	0.0139 J	--
PCB-137	E1668A			--	0.000592 J	0.00684 J	--
PCB-138/163/164	E1668A			--	0.0304	0.122	--
PCB-139/149	E1668A			--	0.0246	0.092	--
PCB-140	E1668A			--	0.000264 U	0.00105 J	--
PCB-141	E1668A			--	0.00559	0.0201	--
PCB-142	E1668A			--	0.000441 U	0.000423 U	--
PCB-144	E1668A			--	0.00114 J	0.0049	--
PCB-145	E1668A			--	0.000176 U	0.000204 U	--
PCB-146/165	E1668A			--	0.00523 J	0.0193	--
PCB-147	E1668A			--	0.000251 U	0.00337 J	--
PCB-148	E1668A			--	0.000249 U	0.000300 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample ID	Sample Date	Depth	Sample Type
				11/7/2020	0 - 1 ft	N	
				7622610.635	706778.733	7622618.435	706783.183
				7622503.364	706611.945	7622586.187	706621.989
PCB-150	E1668A			--	0.000193 U	0.000214 U	--
PCB-151	E1668A			--	0.00935	0.0243	--
PCB-152	E1668A			--	0.000176 U	0.000197 U	--
PCB-153	E1668A			--	0.0289	0.113	--
PCB-154	E1668A			--	0.000228 U	0.00146 J	--
PCB-155	E1668A			--	0.000201 U	0.000235 U	--
PCB-156	E1668A			--	0.00233 J	0.00895	--
PCB-157	E1668A			--	0.000329 U	0.00261 J	--
PCB-158/160	E1668A			--	0.00284 J	0.0145	--
PCB-159	E1668A			--	0.000266 U	0.000248 U	--
PCB-166	E1668A			--	0.000283 U	0.000264 U	--
PCB-167	E1668A			--	0.000720 J	0.00512	--
PCB-168	E1668A			--	0.000309 U	0.000281 U	--
PCB-169	E1668A			--	0.000317 U	0.000265 U	--
PCB-170	E1668A			--	0.00928	0.0295	--
PCB-171	E1668A			--	0.00242 J	0.00892	--
PCB-172	E1668A			--	0.00230 J	0.00401 J	--
PCB-173	E1668A			--	0.000410 U	0.000757 J	--
PCB-174	E1668A			--	0.00819	0.0324	--
PCB-175	E1668A			--	0.000367 U	0.00110 J	--
PCB-176	E1668A			--	0.00127 J	0.00358 J	--
PCB-177	E1668A			--	0.00409 J	0.0215	--
PCB-178	E1668A			--	0.00242 J	0.00552 J	--
PCB-179	E1668A			--	0.00413 J	0.014	--
PCB-180	E1668A			--	0.0193	0.0643	--
PCB-181	E1668A			--	0.000331 U	0.000986 J	--
PCB-182/187	E1668A			--	0.0125	0.0379	--
PCB-183	E1668A			--	0.00500 J	0.0165	--
PCB-184	E1668A			--	0.000285 U	0.000370 J	--
PCB-185	E1668A			--	0.00124 J	0.00452 J	--
PCB-186	E1668A			--	0.000264 U	0.000238 U	--
PCB-188	E1668A			--	0.000272 U	0.000255 U	--
PCB-189	E1668A			--	0.000271 U	0.00136 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-00-01-201107	USMPDI-023SG-201010	USMPDI-025SG-201012	USMPDI-026SC-A-00-01-201106
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			--	0.00163 J	0.00611	--
PCB-191	E1668A			--	0.000285 U	0.00126 J	--
PCB-192	E1668A			--	0.000267 U	0.000267 U	--
PCB-193	E1668A			--	0.000987 J	0.00360 J	--
PCB-194	E1668A			--	0.00434 J	0.0127	--
PCB-195	E1668A			--	0.00216 J	0.00576 J	--
PCB-196/203	E1668A			--	0.00822 J	0.0235	--
PCB-197	E1668A			--	0.000496 U	0.000382 U	--
PCB-198	E1668A			--	0.000708 U	0.000861 J	--
PCB-199	E1668A			--	0.00561	0.0188	--
PCB-200	E1668A			--	0.000525 U	0.00292 J	--
PCB-201	E1668A			--	0.000534 U	0.00291 J	--
PCB-202	E1668A			--	0.00143 J	0.00274 J	--
PCB-204	E1668A			--	0.000493 U	0.000386 U	--
PCB-205	E1668A			--	0.000417 U	0.000294 U	--
PCB-206	E1668A			--	0.00346 J	0.00966 J	--
PCB-207	E1668A			--	0.000539 J	0.00203 J	--
PCB-208	E1668A			--	0.00106 J	0.00474	--
PCB-209	E1668A			--	0.00415 J	0.0159	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	0.00412 JT	0.00520 JT	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	0.0149 JT	0.0302 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	0.0512 JT	0.111 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	0.175 JT	0.367 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	0.171 JT	0.670 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	0.139 JT	0.542 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0761 JT	0.259 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0233 JT	0.0707 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	0.00506 JT	0.0164 JT	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	0.00415 JT	0.0159 T	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.000105 JT	0.000623 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00000113 JT	0.00000798 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0000207 JT	0.000130 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	0.665 JT	2.09 JT	--

**Table 4-1a
Data Summary: Surface Sediment**

	Location ID			USMPDI-023SC-A	USMPDI-023SG	USMPDI-025SG	USMPDI-026SC-A
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-023SC-A-00-01-201107	11/7/2020	0 - 1 ft	N	7622610.635	706778.733	USMPDI-026SC-A-00-01-201106
Total Petroleum Hydrocarbons (mg/kg)	Analytical Method	Site-Wide RAL	PTW Threshold				
Diesel range hydrocarbons	NWTPHDx			81.7 U	131 U	112 U	192
Motor oil range hydrocarbons	NWTPHDx			163 U	263 U	225 U	407

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008
				Sample ID			
				Sample Date			
				Depth			
				Sample Type			
				Easting			
				Northing			
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			3.45 J	--	1.46 J	2.66 J
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			2.4	--	2.4	2.9
Total Solids	SM2540G			42.8	--	45.5	40
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			61.2 J	601 J	382	54.3 J
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			18.2 J	71.3	45.8 J	8.7 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			21.7 J	41.9	39.2 J	14.9 J
1-Methylphenanthrene	SW8270ESIM			45.3 J	633 J	244	36.4 J
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			11.0 J	182	35.0 J	8.1 J
2,6-Dimethylnaphthalene	SW8270ESIM			14.1 J	43.5	18.6 J	12.4 J
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			57.6 J	140	70.6 J	30.4 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			93.0 J	731 U	263	45.9 J
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			33.1 J	110	133 J	28.1 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			98.1 J	656 U	365	162 J
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			282 J	2210	2020	232 J
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			428 J	3700	3190	356 J
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			294 J	1360	1860	237 J
Benzo(e)pyrene	SW8270ESIM			290 J	1980	2020	238 J
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			345 J	2660	3290	285 J
Benzo(j)fluoranthene	SW8270ESIM			164 J	1560	1070	134 J
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			126 J	1060	1040	112 J
Benzothiophene	SW8270ESIM			7.1 J	33.4 J	14.2 J	4.9 J
Carbazole	SW8270ESIM			18.7 J	3.3 U	102 U	35.1 J
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			368 J	2840	2480	311 J
Decalin, cis-	SW8270ESIM			5.0 UJ	3.3 UJ	102 UJ	5.0 UJ
Decalin, trans-	SW8270ESIM			5.0 UJ	32.4 J	102 UJ	5.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			46.9 J	244	288	41.9 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			10/8/2020	11/6/2020	10/7/2020	10/8/2020
Dibenzothiophene	SW8270ESIM			0 - 10.8 in	0 - 1 ft	0 - 10.2 in	0 - 11.5 in
Fluoranthene	SW8270E			N	N	N	N
Fluoranthene	SW8270ESIM			7622587.1	7622652.076	7622653.515	7622679.768
Fluorene	SW8270E			706619.52	706673.616	706673.794	706498.583
Fluorene	SW8270ESIM						
Indeno(1,2,3-c,d)pyrene	SW8270E						
Indeno(1,2,3-c,d)pyrene	SW8270ESIM						
Naphthalene	SW8270E		140000				
Naphthalene	SW8270ESIM		140000				
Perylene	SW8270ESIM						
Phenanthrene	SW8270E						
Phenanthrene	SW8270ESIM						
Pyrene	SW8270E						
Pyrene	SW8270ESIM						
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)							
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000				
PH-ROD Total HPAH (U = 1/2 max limit)							
PH-ROD Total LPAH (U = 1/2 max limit)							
PH-ROD Total PAH (U = 1/2 max limit)		30000					
C1-Benzanthracenes/Chrysenes	SW8270ESIM						
C1-Benzo(b)thiophene	SW8270ESIM						
C1-Decalins	SW8270ESIM						
C1-Dibenz(a,h)anthracenes	SW8270ESIM						
C1-Dibenzothiophenes	SW8270ESIM						
C1-Fluoranthenes/Pyrenes	SW8270ESIM						
C1-Fluorenes	SW8270ESIM						
C1-Naphthalenes	SW8270ESIM						
C1-Naphthobenzothiophenes	SW8270ESIM						
C1-Phenanthrenes/Anthracenes	SW8270ESIM						
C2-Benzanthracenes/Chrysenes	SW8270ESIM						
C2-Benzo(b)thiophene	SW8270ESIM						
C2-Decalins	SW8270ESIM						

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
				10/8/2020	11/6/2020	10/7/2020	10/8/2020
				0 - 10.8 in	0 - 1 ft	0 - 10.2 in	0 - 11.5 in
				N	N	N	N
				7622587.1	7622652.076	7622653.515	7622679.768
				706619.52	706673.616	706673.794	706498.583
C2-Dibenz(a,h)anthracenes	SW8270ESIM			38.6	84.3	125	36.3
C2-Dibenzothiophenes	SW8270ESIM			63.5	494	245	54
C2-Fluoranthenes/Pyrenes	SW8270ESIM			220	675	734	196
C2-Fluorenes	SW8270ESIM			45.6	575	227	44.6
C2-Naphthalenes	SW8270ESIM			66.2	646	148	58.6
C2-Naphthobenzothiophenes	SW8270ESIM			61.6	119	148	57.2
C2-Phenanthrenes/Anthracenes	SW8270ESIM			197	1120	887	159
C3-Benzanthracenes/Chrysenes	SW8270ESIM			92.4	160	236	62.1
C3-Benzo(b)thiophene	SW8270ESIM			14.7	294	102 U	29.1
C3-Decalins	SW8270ESIM			37.4	289	390	26.1
C3-Dibenz(a,h)anthracenes	SW8270ESIM			14	28.4	42.9 J	12.9
C3-Dibenzothiophenes	SW8270ESIM			50.1	252	223	49.8
C3-Fluoranthenes/Pyrenes	SW8270ESIM			119	342	447	81.7
C3-Fluorenes	SW8270ESIM			55.1	428	270	49.9
C3-Naphthalenes	SW8270ESIM			69	1500	181	76.6
C3-Naphthobenzothiophenes	SW8270ESIM			43.9	188	143	63.7
C3-Phenanthrenes/Anthracenes	SW8270ESIM			139	552	535	129
C4-Benzanthracenes/Chrysenes	SW8270ESIM			38.7	69.5	91.2 J	30.9
C4-Decalins	SW8270ESIM			71	337	238	39.7
C4-Dibenzothiophenes	SW8270ESIM			37	130	109	36.1
C4-Fluoranthenes/Pyrenes	SW8270ESIM			99.6	784	633	99.3
C4-Naphthalenes	SW8270ESIM			59.2	842	195	48.8
C4-Naphthobenzothiophenes	SW8270ESIM			9.2	31.5	54.4 J	10.6
C4-Phenanthrenes/Anthracenes	SW8270ESIM			85.2	210	245	56.7
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			9.16 U	--	4.30 U	9.75 U
2,4'-DDE (o,p'-DDE)	SW8081B			9.16 U	--	4.52 U	9.75 U
2,4'-DDT (o,p'-DDT)	SW8081B			9.16 U	--	4.30 U	9.75 U
4,4'-DDD (p,p'-DDD)	SW8081B			6.83 J	--	8.60 U	6.58 J
4,4'-DDE (p,p'-DDE)	SW8081B			9.16 U	--	4.30 U	9.75 U
4,4'-DDT (p,p'-DDT)	SW8081B			9.16 UJ	--	4.30 U	9.75 UJ

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008	
				Sample Date	10/8/2020	11/6/2020	10/7/2020	10/8/2020
				Depth	0 - 10.8 in	0 - 1 ft	0 - 10.2 in	0 - 11.5 in
				Sample Type	N	N	N	N
				Easting	7622587.1	7622652.076	7622653.515	7622679.768
				Northing	706619.52	706673.616	706673.794	706498.583
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					9.16 UT	--	4.52 UT	9.75 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					16.0 JT	--	8.60 UT	16.3 JT
PH-ROD Sum DDD (U = 1/2 max limit)					11.4 JT	--	8.60 UT	11.5 JT
PH-ROD Sum DDE (U = 1/2 max limit)					9.16 UT	--	4.52 UT	9.75 UT
PH-ROD Sum DDT (U = 1/2 max limit)					9.16 UJT	--	4.30 UT	9.75 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050		29.7 JT	--	8.60 UT	31.0 JT
Dioxin Furans (µg/kg)								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01		0.000276 J	--	0.000190 J	0.000168 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01		0.000693 J	--	0.000454 J	0.000397 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000748 J	--	0.000402 J	0.000702 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.0037	--	0.00166 J	0.00227 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00181 J	--	0.000886 J	0.00150 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0887	--	0.0377	0.0648
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				1.01	--	0.325	0.696
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.00459 J	--	0.00559 J	0.00255 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.00647 J	--	0.00586 J	0.00372 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.0353	--	0.0187	0.0228
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.245	--	0.0899	0.169
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6		0.00511	--	0.00373	0.00328
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.00655	--	0.00323	0.00436
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2		0.00383	--	0.00243 J	0.00240 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4		0.0122	--	0.00438	0.00662
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.00304	--	0.00136 J	0.00175 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000469 J	--	0.000208 J	0.000355 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.00142 J	--	0.000933 J	0.000884 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.0151	--	0.00813	0.0111
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.00284	--	0.000987 J	0.00134 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.0432	--	0.0155	0.029
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.0193 J	--	0.0213 J	0.0113 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.0251	--	0.0193 J	0.0156
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.0380 J	--	0.0192 J	0.0228
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.0469	--	0.0221	0.0318

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0129 JT	--	0.00810 JT	0.00811 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00598 JT	--	0.00328 JT	0.00376 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00655 JT	--	0.00340 JT	0.00414 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				1.20 JT	--	0.407 JT	0.827 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.0096	--	0.00389 J	0.00468 J
PCB-002	E1668A			0.0162	--	0.00943	0.0158
PCB-003	E1668A			0.00938	--	0.0067	0.00529
PCB-004/010	E1668A			0.0288	--	0.0116	0.0169
PCB-005/008	E1668A			0.0752	--	0.0207	0.0307
PCB-006	E1668A			0.019	--	0.00502	0.00797
PCB-007/009	E1668A			0.00821 J	--	0.000736 U	0.000739 U
PCB-011	E1668A			0.0611	--	0.0356	0.0615
PCB-012/013	E1668A			0.0126	--	0.00102 U	0.00637 J
PCB-014	E1668A			0.000991 U	--	0.00102 U	0.000693 U
PCB-015	E1668A			0.0785	--	0.023	0.0364
PCB-016/032	E1668A			0.105	--	0.0249	0.0415
PCB-017	E1668A			0.0868	--	0.0204	0.0322
PCB-018	E1668A			0.166	--	0.0207	0.0511
PCB-019	E1668A			0.0303	--	0.0134	0.0231
PCB-020/021/033	E1668A			0.154	--	0.0371	0.0571
PCB-022	E1668A			0.0881	--	0.022	0.0369

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008
				Sample ID	Sample Date	Depth	Sample Type
				10/8/2020	11/6/2020	10/7/2020	10/8/2020
				0 - 10.8 in	0 - 1 ft	0 - 10.2 in	0 - 11.5 in
				N	N	N	N
				Easting	7622652.076	7622653.515	7622679.768
				Northing	706619.52	706673.794	706498.583
PCB-023	E1668A			0.000614 U	--	0.000570 U	0.000501 U
PCB-024/027	E1668A			0.0143	--	0.00378 J	0.00697 J
PCB-025	E1668A			0.0326	--	0.00941	0.0145
PCB-026	E1668A			0.0525	--	0.0142	0.0232
PCB-028	E1668A			0.343	--	0.0788	0.131
PCB-029	E1668A			0.000607 U	--	0.000564 U	0.000594 J
PCB-030	E1668A			0.000493 U	--	0.000274 U	0.000404 U
PCB-031	E1668A			0.281	--	0.0668	0.102
PCB-034	E1668A			0.00409 J	--	0.000532 U	0.00188 J
PCB-035	E1668A			0.00577	--	0.00246 J	0.00335 J
PCB-036	E1668A			0.000547 U	--	0.000448 U	0.000415 U
PCB-037	E1668A			0.0956	--	0.0299	0.0462
PCB-038	E1668A			0.00546	--	0.000458 U	0.00349 J
PCB-039	E1668A			0.00206 J	--	0.000488 U	0.00130 J
PCB-040	E1668A			0.0783	--	0.0219	0.0279
PCB-041/064/071/072	E1668A			0.364	--	0.0808	0.139
PCB-042/059	E1668A			0.137	--	0.031	0.0528
PCB-043/049	E1668A			0.482	--	0.111	0.188
PCB-044	E1668A			0.461	--	0.0923	0.155
PCB-045	E1668A			0.0581	--	0.0114 J	0.02
PCB-046	E1668A			0.0245	--	0.00543 J	0.0113
PCB-047	E1668A			0.199	--	0.0667	0.132
PCB-048/075	E1668A			0.0837	--	0.0132	0.0271
PCB-050	E1668A			0.00197 J	--	0.000823 J	0.00183 J
PCB-051	E1668A			0.0339	--	0.0129	0.0398
PCB-052/069	E1668A			0.679	--	0.137	0.224
PCB-053	E1668A			0.0769	--	0.0212	0.0407
PCB-054	E1668A			0.00584	--	0.00279 J	0.00997
PCB-055	E1668A			0.00659 J	--	0.00155 J	0.00332 J
PCB-056/060	E1668A			0.261	--	0.0723	0.12
PCB-057	E1668A			0.00235 J	--	0.000406 U	0.00155 J
PCB-058	E1668A			0.00362 J	--	0.000806 J	0.000903 J
PCB-061/070	E1668A			0.699	--	0.152	0.253

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000390 U	--	0.000546 U	0.000269 U
PCB-063	E1668A			0.0193	--	0.00529 J	0.00912
PCB-065	E1668A			0.000343 U	--	0.000480 U	0.000236 U
PCB-066/076	E1668A			0.481	--	0.127	0.208
PCB-067	E1668A			0.0114	--	0.00419 J	0.00522
PCB-068	E1668A			0.00797	--	0.00212 J	0.00431 J
PCB-073	E1668A			0.00171 J	--	0.000430 U	0.00217 J
PCB-074	E1668A			0.218	--	0.0452	0.0879
PCB-077	E1668A			0.0469	--	0.015	0.0267
PCB-078	E1668A			0.000317 U	--	0.000428 U	0.00110 J
PCB-079	E1668A			0.0141	--	0.00270 J	0.00594
PCB-080	E1668A			0.000290 U	--	0.000386 U	0.000209 U
PCB-081	E1668A			0.00372 J	--	0.000869 J	0.00176 J
PCB-082	E1668A			0.104	--	0.0226 J	0.0435
PCB-083	E1668A			0.000319 U	--	0.000457 U	0.000236 U
PCB-084/092	E1668A			0.491	--	0.114	0.168
PCB-085/116	E1668A			0.139	--	0.0334	0.0599
PCB-086	E1668A			0.000523 U	--	0.000750 U	0.00134 J
PCB-087/117/125	E1668A			0.322	--	0.0688	0.114
PCB-088/091	E1668A			0.183	--	0.0418	0.0649
PCB-089	E1668A			0.00584 J	--	0.00197 J	0.00358 J
PCB-090/101	E1668A			1.23	--	0.305	0.433
PCB-093	E1668A			0.0176 J	--	0.00260 J	0.0077
PCB-094	E1668A			0.00637	--	0.00241 J	0.00636
PCB-095/098/102	E1668A			0.789	--	0.175	0.278
PCB-096	E1668A			0.00886	--	0.00309 J	0.00437 J
PCB-097	E1668A			0.285	--	0.0586	0.0983
PCB-099	E1668A			0.482	--	0.118	0.181
PCB-100	E1668A			0.0144	--	0.00649	0.0123
PCB-103	E1668A			0.0237	--	0.00676 J	0.0118
PCB-104	E1668A			0.000851 J	--	0.000513 U	0.00180 J
PCB-105	E1668A			0.317	--	0.0816	0.139
PCB-106/118	E1668A			0.855	--	0.218	0.335

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.0675	--	0.0188	0.0281
PCB-108/112	E1668A			0.0441	--	0.00939 J	0.0164
PCB-110	E1668A			1.04	--	0.24	0.391
PCB-111/115	E1668A			0.0112	--	0.00240 J	0.00518 J
PCB-113	E1668A			0.00191 J	--	0.00150 J	0.00142 J
PCB-114	E1668A			0.0178	--	0.00421 J	0.00759
PCB-119	E1668A			0.0343	--	0.0104	0.014
PCB-120	E1668A			0.00605	--	0.000418 U	0.00332 J
PCB-121	E1668A			0.000381 J	--	0.000303 J	0.000685 J
PCB-122	E1668A			0.0101	--	0.00257 J	0.00449 J
PCB-123	E1668A			0.0125	--	0.00386 J	0.00652 J
PCB-124	E1668A			0.034	--	0.00827 J	0.0125 J
PCB-126	E1668A			0.00516	--	0.00221 J	0.00238 J
PCB-127	E1668A			0.000442 U	--	0.000729 U	0.000393 U
PCB-128/162	E1668A			0.179	--	0.0488	0.0797
PCB-129	E1668A			0.0446	--	0.0123	0.0201
PCB-130	E1668A			0.0804	--	0.0262	0.0302
PCB-131/133	E1668A			0.0396	--	0.0132 J	0.0178
PCB-132/161	E1668A			0.308	--	0.1	0.129
PCB-134/143	E1668A			0.0654	--	0.0192	0.0287
PCB-135	E1668A			0.15	--	0.0563	0.067
PCB-136	E1668A			0.181	--	0.0577	0.0779
PCB-137	E1668A			0.0411	--	0.0112	0.016
PCB-138/163/164	E1668A			1.18	--	0.392	0.565
PCB-139/149	E1668A			0.9	--	0.294	0.411
PCB-140	E1668A			0.0094	--	0.00237 J	0.00377 J
PCB-141	E1668A			0.218	--	0.0798	0.106
PCB-142	E1668A			0.000814 U	--	0.000931 U	0.000438 J
PCB-144	E1668A			0.0387 J	--	0.0134 J	0.0247
PCB-145	E1668A			0.000323 U	--	0.000230 U	0.000195 U
PCB-146/165	E1668A			0.222	--	0.0889	0.102
PCB-147	E1668A			0.0266	--	0.00825	0.0125
PCB-148	E1668A			0.00251 J	--	0.00180 J	0.00292 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.00442 J	--	0.00181 J	0.00218 J
PCB-151	E1668A			0.274	--	0.114	0.149
PCB-152	E1668A			0.00115 J	--	0.000231 U	0.000704 J
PCB-153	E1668A			1.18	--	0.429	0.562
PCB-154	E1668A			0.0329	--	0.0123	0.0141
PCB-155	E1668A			0.000368 U	--	0.000262 U	0.000222 U
PCB-156	E1668A			0.111	--	0.034	0.0475
PCB-157	E1668A			0.0229	--	0.00654	0.00923 J
PCB-158/160	E1668A			0.116	--	0.0364	0.0542
PCB-159	E1668A			0.000488 U	--	0.000599 U	0.000369 U
PCB-166	E1668A			0.00388 J	--	0.000637 U	0.00148 J
PCB-167	E1668A			0.0444	--	0.0139	0.019
PCB-168	E1668A			0.00138 J	--	0.000950 J	0.000767 J
PCB-169	E1668A			0.000606 U	--	0.000672 U	0.000511 U
PCB-170	E1668A			0.304	--	0.13	0.162
PCB-171	E1668A			0.0852	--	0.0369	0.0459
PCB-172	E1668A			0.0507	--	0.0215	0.026
PCB-173	E1668A			0.00685	--	0.00309 J	0.00386 J
PCB-174	E1668A			0.306	--	0.127	0.16
PCB-175	E1668A			0.0135	--	0.00477 J	0.00727
PCB-176	E1668A			0.0405	--	0.018	0.0218
PCB-177	E1668A			0.188	--	0.0901	0.108
PCB-178	E1668A			0.0699	--	0.0348	0.0396
PCB-179	E1668A			0.149	--	0.0667	0.081
PCB-180	E1668A			0.708	--	0.308	0.381
PCB-181	E1668A			0.000494 U	--	0.00236 J	0.00218 J
PCB-182/187	E1668A			0.413	--	0.189	0.227
PCB-183	E1668A			0.173	--	0.0803	0.0946
PCB-184	E1668A			0.00112 J	--	0.000527 J	0.000982 J
PCB-185	E1668A			0.0352	--	0.0166	0.0198
PCB-186	E1668A			0.000380 U	--	0.000371 U	0.000273 U
PCB-188	E1668A			0.00105 J	--	0.000612 J	0.000281 U
PCB-189	E1668A			0.0111	--	0.0051	0.00653

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0607	--	0.0281	0.0362
PCB-191	E1668A			0.011	--	0.00419 J	0.00575
PCB-192	E1668A			0.000399 U	--	0.000397 U	0.000316 U
PCB-193	E1668A			0.0367	--	0.0181	0.0221
PCB-194	E1668A			0.149	--	0.0679	0.0834
PCB-195	E1668A			0.059	--	0.0296	0.0329
PCB-196/203	E1668A			0.19	--	0.0829	0.107
PCB-197	E1668A			0.00684	--	0.00341 J	0.00307 J
PCB-198	E1668A			0.00961	--	0.00190 J	0.00443 J
PCB-199	E1668A			0.204	--	0.0783	0.0998
PCB-200	E1668A			0.0224	--	0.00867	0.0126
PCB-201	E1668A			0.0226	--	0.0109 J	0.0133
PCB-202	E1668A			0.0354	--	0.0166	0.0238
PCB-204	E1668A			0.000431 U	--	0.000478 U	0.000494 U
PCB-205	E1668A			0.00573	--	0.00343 J	0.00374 J
PCB-206	E1668A			2.28	--	0.0789	0.0605
PCB-207	E1668A			0.0189	--	0.00829	0.00828
PCB-208	E1668A			0.145	--	0.025	0.0216
PCB-209	E1668A			35.2	--	0.156	0.0787 J
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0352 T	--	0.0200 JT	0.0258 JT
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.284 JT	--	0.0973 T	0.161 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				1.47 JT	--	0.346 JT	0.577 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				4.46 JT	--	1.04 JT	1.8 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				6.56 JT	--	1.6 JT	2.46 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				5.5 JT	--	1.9 JT	2.56 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				2.67 JT	--	1.2 JT	1.5 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.70 T	--	0.304 JT	0.384 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				2.44 T	--	0.112 T	0.0904 T
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				35.2 T	--	0.156 T	0.0787 JT
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.00329 JT	--	0.00107 JT	0.00177 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000393 JT	--	0.0000148 JT	0.0000183 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000573 JT	--	0.000244 JT	0.000266 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	59 JT	--	6.7 JT	9.6 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-026SG	USMPDI-027SC-A	USMPDI-027SG	USMPDI-033SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SG-201008	USMPDI-027SC-A-00-01-201106	USMPDI-027SG-201007	USMPDI-033SG-201008	
				Sample Date	10/8/2020	11/6/2020	10/7/2020	10/8/2020
				Depth	0 - 10.8 in	0 - 1 ft	0 - 10.2 in	0 - 11.5 in
				Sample Type	N	N	N	N
				Easting	7622587.1	7622652.076	7622653.515	7622679.768
				Northing	706619.52	706673.616	706673.794	706498.583
Total Petroleum Hydrocarbons (mg/kg)								
Diesel range hydrocarbons	NWTPHDx			116 U	97.2	175	127 U	
Motor oil range hydrocarbons	NWTPHDx			233 U	134	341	255 U	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample ID	Sample Date	Depth	Sample Type
				11/6/2020	0 - 1 ft	N	
				7622757.396	706577.652	7622754.368	706575.925
				7622761.415	706446.846	7622761.887	706448.45
Conventional Parameters (unitless)							
Liquid limit	D4318			--	85	--	--
Plastic limit	D4318			--	52	--	--
Plasticity index	D4318			--	33	--	--
Specific gravity	D854			--	2.58	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			--	1.93 J	--	3.05 J
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			--	2.5	--	3.3
Total Solids	SM2540G			--	39.7	--	37.3
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	0 U	--	--
Sand	D6913			--	10.3	--	--
Total fines (Reported, not calculated)	D6913			--	89.7	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	99	--	--
Percent passing 110 micron sieve (#140)	D6913			--	95	--	--
Percent passing 850 micron sieve (#20)	D6913			--	99	--	--
Percent passing 425 micron sieve (#40)	D6913			--	99	--	--
Percent passing 250 micron sieve (#60)	D6913			--	98	--	--
Percent passing 150 micron sieve (#100)	D6913			--	97	--	--
Percent passing 75 micron sieve (#200)	D6913			--	90	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			411	97.2	39.4	81.8 J
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			80.8 J	11.5 J	11.4 J	7.8 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample Date 11/6/2020	10/7/2020	11/3/2020	10/8/2020
				Depth 0 - 1 ft	0 - 10.8 in	0 - 1 ft	0 - 11.7 in
				Sample Type N	N	N	N
				Easting 7622757.396	7622754.368	7622761.415	7622761.887
				Northing 706577.652	706575.925	706446.846	706448.45
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			82.3 J	19.8 J	16.7 J	26.2 J
1-Methylphenanthrene	SW8270ESIM			544	68.4	37.6	79.4 J
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			173	12.1 J	8.7 J	20.0 J
2,6-Dimethylnaphthalene	SW8270ESIM			292 J	15.4 J	22.9 J	22.3 J
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			235 J	33.2	34.7 J	25.7 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			1720 J	84.9	44.0 J	112 J
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			137 J	49.7 J	23.2 J	65.9 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			693	154	84.8	143 J
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			2160	448	210	387 J
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			3220	756	248	533 J
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1830	452	210	340 J
Benzo(e)pyrene	SW8270ESIM			2020	510	176	350 J
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			2300	771	128 J	415 J
Benzo(j)fluoranthene	SW8270ESIM			1080	265	134	201 J
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			875	262	119	189 J
Benzothiophene	SW8270ESIM			47.6 J	4.9 J	24.9 UJ	3.7 J
Carbazole	SW8270ESIM			21.7 U	25.3	11.9 J	12.4 J
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			2680	563	279	452 J
Decalin, cis-	SW8270ESIM			21.7 UJ	25.0 UJ	24.9 UJ	5.0 UJ
Decalin, trans-	SW8270ESIM			28.6 J	25.0 UJ	24.9 UJ	5.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			376	77.1	33.0 J	60.6 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			76.9	11.9 J	13.2 J	12.0 J
Dibenzothiophene	SW8270ESIM			713	44.4	27	60.2 J
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			7240	922	446	794 J
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			1160	59.5	44.2	84.7 J
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			2040	525	149 J	355 J
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	641 J	56.5	68.0 J	52.7 J
Perylene	SW8270ESIM			880	203	184 J	156 J
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			9670	455	269	634 J
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			9250	1140	508	940 J
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3790 T	979 T	460 T	730 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4210 T	979 T	340 JT	700 JT
PH-ROD Total HPAH (U = 1/2 max limit)				33000 T	6180 T	2500 JT	4700 JT
PH-ROD Total LPAH (U = 1/2 max limit)				14300 JT	893 JT	568 JT	1120 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		47000 JT	7070 JT	3000 JT	5800 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			1240	404	326	342
C1-Benzo(b)thiophene	SW8270ESIM			49.1	9.7 J	12.5 J	6.1
C1-Decalins	SW8270ESIM			301	98.4	24.9 U	5.4
C1-Dibenz(a,h)anthracenes	SW8270ESIM			433	131	44.8	98.4
C1-Dibenzothiophenes	SW8270ESIM			517	58	32.8	75.1
C1-Fluoranthenes/Pyrenes	SW8270ESIM			2550	484	260	466
C1-Fluorenes	SW8270ESIM			744	49	41	82.8
C1-Naphthalenes	SW8270ESIM			278	41.4	49	47
C1-Naphthobenzothiophenes	SW8270ESIM			297	74.8	30.4	60.9
C1-Phenanthrenes/Anthracenes	SW8270ESIM			2580	291	159	346
C2-Benzanthracenes/Chrysenes	SW8270ESIM			654	214	113	183
C2-Benzo(b)thiophene	SW8270ESIM			165	16.3 J	13.6 J	13.4
C2-Decalins	SW8270ESIM			547	48.6	44	37.7

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			188	40.8	29	49
C2-Dibenzothiophenes	SW8270ESIM			433	87.4	50.2	86.2
C2-Fluoranthenes/Pyrenes	SW8270ESIM			895	269	141	259
C2-Fluorenes	SW8270ESIM			530	68.4	44.8	83
C2-Naphthalenes	SW8270ESIM			1480	80.2	66.5	122
C2-Naphthobenzothiophenes	SW8270ESIM			229	69.4	59.6	61.1
C2-Phenanthrenes/Anthracenes	SW8270ESIM			1330	275	146	276
C3-Benzanthracenes/Chrysenes	SW8270ESIM			383	132	69.6	108
C3-Benzo(b)thiophene	SW8270ESIM			271	2.7 J	24.9 U	23.6
C3-Decalins	SW8270ESIM			273	54.4	26.4	29.9
C3-Dibenz(a,h)anthracenes	SW8270ESIM			69	20.7 J	24.9 U	16
C3-Dibenzothiophenes	SW8270ESIM			330	81.2	49.5	69
C3-Fluoranthenes/Pyrenes	SW8270ESIM			624	139	92.6	122
C3-Fluorenes	SW8270ESIM			376	77.6	51.6	88.2
C3-Naphthalenes	SW8270ESIM			1510	74.4	62.5	169
C3-Naphthobenzothiophenes	SW8270ESIM			131	57.1	28.3	44.3
C3-Phenanthrenes/Anthracenes	SW8270ESIM			760	203	144	185
C4-Benzanthracenes/Chrysenes	SW8270ESIM			148	41.9	31.4	34.3
C4-Decalins	SW8270ESIM			321	51.3	56.9	45.4
C4-Dibenzothiophenes	SW8270ESIM			147	39.7	35.3	39.1
C4-Fluoranthenes/Pyrenes	SW8270ESIM			607	168	66.6	168
C4-Naphthalenes	SW8270ESIM			645	53	49.8	97.6
C4-Naphthobenzothiophenes	SW8270ESIM			34	14.1 J	24.9 U	9.4
C4-Phenanthrenes/Anthracenes	SW8270ESIM			129	115	144	82.2
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	4.91 UJ	--	10.5 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			--	4.91 UJ	--	10.5 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			--	4.91 UJ	--	10.5 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			--	5.6	--	5.33 J
4,4'-DDE (p,p'-DDE)	SW8081B			--	4.91 UJ	--	10.5 UJ
4,4'-DDT (p,p'-DDT)	SW8081B			--	4.91 UJ	--	10.5 UJ

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	4.91 UJT	--	10.5 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	10.5 JT	--	15.8 JT
PH-ROD Sum DDD (U = 1/2 max limit)				--	8.06 JT	--	10.6 JT
PH-ROD Sum DDE (U = 1/2 max limit)				--	4.91 UJT	--	10.5 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				--	4.91 UJT	--	10.5 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	17.9 JT	--	31.6 JT
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000362 J	--	0.000263 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000635 J	--	0.000611 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000736 J	--	0.000891 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00281	--	0.00363
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00151 J	--	0.00189 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0702	--	0.0887
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.685	--	0.838
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00439	--	0.00431 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00597	--	0.00596 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0291	--	0.0338
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.175	--	0.225
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0123	--	0.00526
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00926	--	0.0103
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00655	--	0.00448
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0387	--	0.0171
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00832	--	0.005
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00113 J	--	0.000782 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00164 J	--	0.00185 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0232	--	0.0181
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00587	--	0.00277
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0395	--	0.0441
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0410 J	--	0.0187 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0367	--	0.0306
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0707	--	0.0485
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0548	--	0.0521

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0264 JT	--	0.0148 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0112 JT	--	0.00725 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0112 JT	--	0.00753 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.908 JT	--	1.04 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	0.00225 J	--	0.00330 J
PCB-002	E1668A			--	0.00553	--	0.00715
PCB-003	E1668A			--	0.00284 J	--	0.00377 J
PCB-004/010	E1668A			--	0.00701 J	--	0.0147
PCB-005/008	E1668A			--	0.0146	--	0.0256
PCB-006	E1668A			--	0.00328 J	--	0.00585
PCB-007/009	E1668A			--	0.000931 U	--	0.00288 J
PCB-011	E1668A			--	0.0205	--	0.044
PCB-012/013	E1668A			--	0.000897 U	--	0.00534 J
PCB-014	E1668A			--	0.000905 U	--	0.000985 U
PCB-015	E1668A			--	0.0144	--	0.033
PCB-016/032	E1668A			--	0.0157	--	0.0331
PCB-017	E1668A			--	0.0118	--	0.0234
PCB-018	E1668A			--	0.0209	--	0.0476
PCB-019	E1668A			--	0.00799	--	0.0159
PCB-020/021/033	E1668A			--	0.0213	--	0.0384
PCB-022	E1668A			--	0.0137	--	0.0247

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			--	0.000467 U	--	0.000596 U
PCB-024/027	E1668A			--	0.00252 J	--	0.00536 J
PCB-025	E1668A			--	0.00464 J	--	0.00943
PCB-026	E1668A			--	0.0077	--	0.0162
PCB-028	E1668A			--	0.0466	--	0.0919
PCB-029	E1668A			--	0.000462 U	--	0.000589 U
PCB-030	E1668A			--	0.000245 U	--	0.000437 U
PCB-031	E1668A			--	0.0327	--	0.0743
PCB-034	E1668A			--	0.000436 U	--	0.000557 U
PCB-035	E1668A			--	0.000399 U	--	0.00243 J
PCB-036	E1668A			--	0.000387 U	--	0.000511 U
PCB-037	E1668A			--	0.0179	--	0.0303
PCB-038	E1668A			--	0.000396 U	--	0.000523 U
PCB-039	E1668A			--	0.000421 U	--	0.000556 U
PCB-040	E1668A			--	0.0117	--	0.0236
PCB-041/064/071/072	E1668A			--	0.048	--	0.0995
PCB-042/059	E1668A			--	0.0183	--	0.0391
PCB-043/049	E1668A			--	0.0592	--	0.12
PCB-044	E1668A			--	0.053	--	0.113
PCB-045	E1668A			--	0.00758	--	0.0171
PCB-046	E1668A			--	0.00272 J	--	0.00803
PCB-047	E1668A			--	0.0343	--	0.0713
PCB-048/075	E1668A			--	0.00978	--	0.0186
PCB-050	E1668A			--	0.000613 J	--	0.000882 J
PCB-051	E1668A			--	0.00737	--	0.0144
PCB-052/069	E1668A			--	0.0704	--	0.155
PCB-053	E1668A			--	0.0113	--	0.0236
PCB-054	E1668A			--	0.00194 J	--	0.00305 J
PCB-055	E1668A			--	0.00122 J	--	0.00205 J
PCB-056/060	E1668A			--	0.0409	--	0.0795
PCB-057	E1668A			--	0.000363 J	--	0.000778 J
PCB-058	E1668A			--	0.000447 J	--	0.000696 J
PCB-061/070	E1668A			--	0.0813	--	0.16

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			--	0.000342 U	--	0.000322 U
PCB-063	E1668A			--	0.00300 J	--	0.00585
PCB-065	E1668A			--	0.000301 U	--	0.000283 U
PCB-066/076	E1668A			--	0.0657	--	0.133
PCB-067	E1668A			--	0.00155 J	--	0.00303 J
PCB-068	E1668A			--	0.00151 J	--	0.00200 J
PCB-073	E1668A			--	0.000282 U	--	0.000638 J
PCB-074	E1668A			--	0.0296	--	0.0586
PCB-077	E1668A			--	0.00769	--	0.0161
PCB-078	E1668A			--	0.000287 U	--	0.000251 U
PCB-079	E1668A			--	0.00130 J	--	0.00378 J
PCB-080	E1668A			--	0.000253 U	--	0.000230 U
PCB-081	E1668A			--	0.000311 U	--	0.00114 J
PCB-082	E1668A			--	0.0139	--	0.0254
PCB-083	E1668A			--	0.000376 U	--	0.000247 U
PCB-084/092	E1668A			--	0.0526	--	0.108
PCB-085/116	E1668A			--	0.0201	--	0.0402
PCB-086	E1668A			--	0.000617 U	--	0.00123 J
PCB-087/117/125	E1668A			--	0.0377	--	0.0786
PCB-088/091	E1668A			--	0.0207	--	0.0426
PCB-089	E1668A			--	0.00121 J	--	0.00301 J
PCB-090/101	E1668A			--	0.137	--	0.278
PCB-093	E1668A			--	0.00103 J	--	0.00455 J
PCB-094	E1668A			--	0.00144 J	--	0.00215 J
PCB-095/098/102	E1668A			--	0.0845	--	0.172
PCB-096	E1668A			--	0.00150 J	--	0.00271 J
PCB-097	E1668A			--	0.0309	--	0.0644
PCB-099	E1668A			--	0.0552	--	0.112
PCB-100	E1668A			--	0.00271 J	--	0.00641
PCB-103	E1668A			--	0.00292 J	--	0.00571
PCB-104	E1668A			--	0.000426 U	--	0.000302 U
PCB-105	E1668A			--	0.043	--	0.0909
PCB-106/118	E1668A			--	0.108	--	0.219

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			--	0.00892 J	--	0.0176
PCB-108/112	E1668A			--	0.00593 J	--	0.0104
PCB-110	E1668A			--	0.124	--	0.255
PCB-111/115	E1668A			--	0.00137 J	--	0.00338 J
PCB-113	E1668A			--	0.000296 J	--	0.000833 J
PCB-114	E1668A			--	0.00244 J	--	0.00504
PCB-119	E1668A			--	0.00472 J	--	0.00937
PCB-120	E1668A			--	0.000840 J	--	0.00161 J
PCB-121	E1668A			--	0.000336 U	--	0.000311 J
PCB-122	E1668A			--	0.00168 J	--	0.00301 J
PCB-123	E1668A			--	0.00147 J	--	0.00435 J
PCB-124	E1668A			--	0.00458 J	--	0.00836
PCB-126	E1668A			--	0.00116 J	--	0.00161 J
PCB-127	E1668A			--	0.000373 U	--	0.000331 U
PCB-128/162	E1668A			--	0.0242	--	0.0517
PCB-129	E1668A			--	0.00495 J	--	0.0121
PCB-130	E1668A			--	0.013	--	0.0222
PCB-131/133	E1668A			--	0.00568 J	--	0.011
PCB-132/161	E1668A			--	0.0432	--	0.0843
PCB-134/143	E1668A			--	0.00903 J	--	0.0172
PCB-135	E1668A			--	0.0203 J	--	0.0317 J
PCB-136	E1668A			--	0.03	--	0.048
PCB-137	E1668A			--	0.00545	--	0.0115
PCB-138/163/164	E1668A			--	0.178	--	0.347
PCB-139/149	E1668A			--	0.137	--	0.245
PCB-140	E1668A			--	0.000598 U	--	0.00310 J
PCB-141	E1668A			--	0.0329	--	0.062
PCB-142	E1668A			--	0.000530 U	--	0.000439 U
PCB-144	E1668A			--	0.00828	--	0.0166
PCB-145	E1668A			--	0.000399 U	--	0.000315 U
PCB-146/165	E1668A			--	0.0337	--	0.0634
PCB-147	E1668A			--	0.00458 J	--	0.0102
PCB-148	E1668A			--	0.000789 J	--	0.000814 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			--	0.000686 J	--	0.00189 J
PCB-151	E1668A			--	0.0493	--	0.0788
PCB-152	E1668A			--	0.000400 U	--	0.000526 J
PCB-153	E1668A			--	0.178	--	0.336
PCB-154	E1668A			--	0.00462 J	--	0.00759
PCB-155	E1668A			--	0.000455 U	--	0.000487 J
PCB-156	E1668A			--	0.0165	--	0.029
PCB-157	E1668A			--	0.00318 J	--	0.00725
PCB-158/160	E1668A			--	0.0166	--	0.0331
PCB-159	E1668A			--	0.000307 U	--	0.000274 U
PCB-166	E1668A			--	0.000326 U	--	0.000291 U
PCB-167	E1668A			--	0.00626	--	0.0125
PCB-168	E1668A			--	0.000371 U	--	0.000308 U
PCB-169	E1668A			--	0.000377 U	--	0.000319 U
PCB-170	E1668A			--	0.054	--	0.105
PCB-171	E1668A			--	0.0152	--	0.0288
PCB-172	E1668A			--	0.00947	--	0.0169
PCB-173	E1668A			--	0.00132 J	--	0.00268 J
PCB-174	E1668A			--	0.0547	--	0.0987
PCB-175	E1668A			--	0.00224 J	--	0.00373 J
PCB-176	E1668A			--	0.0072	--	0.013
PCB-177	E1668A			--	0.0342	--	0.0623
PCB-178	E1668A			--	0.0136	--	0.0233
PCB-179	E1668A			--	0.0246	--	0.0469
PCB-180	E1668A			--	0.127	--	0.242
PCB-181	E1668A			--	0.000867 J	--	0.00137 J
PCB-182/187	E1668A			--	0.0731	--	0.13
PCB-183	E1668A			--	0.0313	--	0.0552
PCB-184	E1668A			--	0.000368 U	--	0.000343 U
PCB-185	E1668A			--	0.00592 J	--	0.0131
PCB-186	E1668A			--	0.000341 U	--	0.000318 U
PCB-188	E1668A			--	0.000412 J	--	0.000328 U
PCB-189	E1668A			--	0.00223 J	--	0.00313 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-00-01-201106	USMPDI-034SG-201007	USMPDI-038SC-A-00-01-201103	USMPDI-038SG-201008
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			--	0.0118	--	0.0209
PCB-191	E1668A			--	0.00186 J	--	0.00447 J
PCB-192	E1668A			--	0.000353 U	--	0.000344 U
PCB-193	E1668A			--	0.00744	--	0.0127
PCB-194	E1668A			--	0.0303	--	0.0515
PCB-195	E1668A			--	0.0139	--	0.0181
PCB-196/203	E1668A			--	0.0368	--	0.0652
PCB-197	E1668A			--	0.00148 J	--	0.00221 J
PCB-198	E1668A			--	0.00188 J	--	0.00320 J
PCB-199	E1668A			--	0.0287 J	--	0.0662
PCB-200	E1668A			--	0.00451 J	--	0.00774
PCB-201	E1668A			--	0.00389 J	--	0.00835
PCB-202	E1668A			--	0.0065	--	0.0131
PCB-204	E1668A			--	0.000632 U	--	0.000612 U
PCB-205	E1668A			--	0.00155 J	--	0.00233 J
PCB-206	E1668A			--	0.0246	--	0.0394
PCB-207	E1668A			--	0.00312 J	--	0.00609
PCB-208	E1668A			--	0.00707	--	0.0146
PCB-209	E1668A			--	0.0343	--	0.0614
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	0.0106 JT	--	0.0142 JT
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	0.0612 JT	--	0.132 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	0.205 JT	--	0.415 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	0.572 JT	--	1.2 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	0.773 JT	--	1.58 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	0.828 JT	--	1.55 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	0.479 JT	--	0.88 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	0.130 JT	--	0.238 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0348 JT	--	0.0601 T
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0343 T	--	0.0614 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.000524 JT	--	0.00110 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00000757 JT	--	0.0000121 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.000128 JT	--	0.000179 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	3.13 JT	--	6.1 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SG	USMPDI-038SC-A	USMPDI-038SG
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-034SC-A-00-01-201106	11/6/2020	0 - 1 ft	N	7622757.396	706577.652	
	USMPDI-034SG-201007	10/7/2020	0 - 10.8 in	N	7622754.368	706575.925	
	USMPDI-038SC-A-00-01-201103	11/3/2020	0 - 1 ft	N	7622761.415	706446.846	
	USMPDI-038SG-201008	10/8/2020	0 - 11.7 in	N	7622761.887	706448.45	
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			198	120 U	118 U	137 U
Motor oil range hydrocarbons	NWTPHDx			365	239 U	236 U	273 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007	
				Sample Date	11/4/2020	10/10/2020	11/3/2020	10/7/2020
				Depth	0 - 1 ft	0 - 11 in	0 - 1 ft	0 - 10.8 in
				Sample Type	N	N	N	N
				Easting	7622881.022	7622879.17	7622847.672	7622844.652
				Northing	706540.776	706540.804	706447.457	706446.934
Conventional Parameters (unitless)								
Liquid limit	D4318			--	--	--	--	
Plastic limit	D4318			--	--	--	--	
Plasticity index	D4318			--	--	--	--	
Specific gravity	D854			--	--	--	--	
Conventional Parameters (mg/kg)								
Cyanide	D7511-12			--	4.59 JT	--	4.09 J	
Conventional Parameters (pct)								
Moisture (water) content	D2216			--	--	--	--	
Total organic carbon	SM5310BM			--	2.7 T	--	2.9	
Total Solids	SM2540G			--	37.6 T	--	38.1	
Conventional Parameters (lb/ft³)								
Density (bulk)	D7263			--	--	--	--	
Density (dry)	D7263			--	--	--	--	
Grain Size (pct)								
Gravel	D6913			--	--	--	--	
Sand	D6913			--	--	--	--	
Total fines (Reported, not calculated)	D6913			--	--	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--	
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			191	58.6 T	322	133 J	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			25.3 J	6.3 T	42.3 J	11.9 J	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007
				Sample Date 11/4/2020	10/10/2020	11/3/2020	10/7/2020
				Depth 0 - 1 ft	0 - 11 in	0 - 1 ft	0 - 10.8 in
				Sample Type N	N	N	N
				Easting 7622881.022	7622879.17	7622847.672	7622844.652
				Northing 706540.776	706540.804	706447.457	706446.934
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			37.9 J	14.9 JT	72.3 J	29.4 J
1-Methylphenanthrene	SW8270ESIM			190	44.3 T	311	92.7 J
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			51	9.85 T	62	16.2 J
2,6-Dimethylnaphthalene	SW8270ESIM			37.0 J	12.6 T	128 J	18.7 J
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			50.7 J	20.6 T	130 J	35.3
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			378	63.4 T	410 J	187 J
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			99.9 J	25.8 JT	116 J	54.6 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			223	97.7 T	1640	227 J
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			1070	297 T	2380	694
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			1470	444 T	2350	1020
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			979	294 T	2170	638
Benzo(e)pyrene	SW8270ESIM			1010	304 T	1690	663
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1290 J	436 T	1270 J	922
Benzo(j)fluoranthene	SW8270ESIM			564	169 T	1320	384 J
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			570	155 T	1340	375 J
Benzothiophene	SW8270ESIM			9.9 J	3.1 JT	21.2 J	5.1 J
Carbazole	SW8270ESIM			79.5	21.0 T	198	68.8 J
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			1290	374 T	2470	855
Decalin, cis-	SW8270ESIM			49.2 UJ	5.0 UJT	24.9 UJ	24.9 UJ
Decalin, trans-	SW8270ESIM			49.2 UJ	5.0 UJT	24.9 UJ	24.9 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			118 J	50.3 T	354 J	104 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			11/4/2020	10/10/2020	11/3/2020	10/7/2020
Dibenzothiophene	SW8270ESIM			0 - 1 ft	0 - 11 in	0 - 1 ft	0 - 10.8 in
Fluoranthene	SW8270E			N	N	N	N
Fluoranthene	SW8270ESIM			7622881.022	7622879.17	7622847.672	7622844.652
Fluorene	SW8270E			706540.776	706540.804	706447.457	706446.934
Fluorene	SW8270ESIM						
Indeno(1,2,3-c,d)pyrene	SW8270E						
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			36.4 J	9.50 T	98.6 J	21.9 J
Naphthalene	SW8270E		140000	127	32.8 T	248	67.0 J
Naphthalene	SW8270ESIM		140000	--	--	--	--
Perylene	SW8270ESIM			2780	598 T	7140	1570
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			178	44.8 T	424	106 J
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			882 J	305 T	1520 J	645
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	140 J	37.1 T	257 J	75.1 J
PH-ROD Total HPAH (U = 1/2 max limit)				597	142 T	803 J	277 J
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		1930	372 T	4320	897
C1-Benzanthracenes/Chrysenes	SW8270ESIM			3070	696 T	6250	1800
C1-Benzo(b)thiophene	SW8270ESIM			2100 T	617 T	4830 T	1400 JT
C1-Decalins	SW8270ESIM			1900 JT	585 T	3330 JT	1330 JT
C1-Dibenz(a,h)anthracenes	SW8270ESIM			14000 JT	3810 T	28600 JT	9000 JT
C1-Dibenzothiophenes	SW8270ESIM			3000 JT	661 JT	7300 JT	1580 JT
C1-Fluoranthenes/Pyrenes	SW8270ESIM			17000 JT	4480 JT	36000 JT	11000 JT
C1-Fluorenes	SW8270ESIM			989	284 T	1810	553
C1-Naphthalenes	SW8270ESIM			23.9 J	4.6 JT	23.4 J	11.2 J
C1-Naphthobenzothiophenes	SW8270ESIM			129	5.0 UT	70.2	86.4
C1-Phenanthrenes/Anthracenes	SW8270ESIM			230	92.4 T	362	169
C2-Benzanthracenes/Chrysenes	SW8270ESIM			174	41.8 T	239	76.9
C2-Benzo(b)thiophene	SW8270ESIM			1200	304 T	2630	709
C2-Decalins	SW8270ESIM			159	47.6 T	275	56.5
	SW8270ESIM			78.8	31.2 T	177	53.6
	SW8270ESIM			296	50.2 T	314	120
	SW8270ESIM			836	218 T	1520	416
	SW8270ESIM			492	148 T	786	313
	SW8270ESIM			57.1	15.4 T	52.1	19.0 J
	SW8270ESIM			262	40.6 T	85.4	61.3

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			11/4/2020	10/10/2020	11/3/2020	10/7/2020
C2-Dibenzothiophenes	SW8270ESIM			0 - 1 ft	0 - 11 in	0 - 1 ft	0 - 10.8 in
C2-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N	N
C2-Fluorenes	SW8270ESIM			7622881.022	7622879.17	7622847.672	7622844.652
C2-Naphthalenes	SW8270ESIM			706540.776	706540.804	706447.457	706446.934
C2-Naphthobenzothiophenes	SW8270ESIM						
C2-Phenanthrenes/Anthracenes	SW8270ESIM						
C3-Benzanthracenes/Chrysenes	SW8270ESIM						
C3-Benzo(b)thiophene	SW8270ESIM						
C3-Decalins	SW8270ESIM						
C3-Dibenz(a,h)anthracenes	SW8270ESIM			118	37.6 T	157	43.2
C3-Dibenzothiophenes	SW8270ESIM			240	62.9 T	240	112
C3-Fluoranthenes/Pyrenes	SW8270ESIM			588	193 T	900	371
C3-Fluorenes	SW8270ESIM			205	47.8 T	254	88.2
C3-Naphthalenes	SW8270ESIM			211	61.1 T	400	111
C3-Naphthobenzothiophenes	SW8270ESIM			160	49.4 T	195	87.5
C3-Phenanthrenes/Anthracenes	SW8270ESIM			738	200 T	927	381
C3-Benzo(b)thiophene	SW8270ESIM			263	84.4 T	346	146
C3-Decalins	SW8270ESIM			59.2	13.8 T	97.4	24.9 U
C3-Dibenz(a,h)anthracenes	SW8270ESIM			195	25.7 T	56.4	59.9
C3-Dibenzothiophenes	SW8270ESIM			34.2 J	16.9 T	39.1	22.7 J
C3-Fluoranthenes/Pyrenes	SW8270ESIM			192	59.3 T	164	103
C3-Fluorenes	SW8270ESIM			418	133 T	535	169
C3-Naphthalenes	SW8270ESIM			242	53.2 T	254	97.6
C3-Naphthobenzothiophenes	SW8270ESIM			315	87.8 T	560	96
C3-Phenanthrenes/Anthracenes	SW8270ESIM			85.4	30.6 T	90.8	42.9
C4-Benzanthracenes/Chrysenes	SW8270ESIM			536	140 T	490	262
C4-Decalins	SW8270ESIM			121	39.4 T	104	39.1
C4-Dibenzothiophenes	SW8270ESIM			307	23.7 T	124	63.6
C4-Fluoranthenes/Pyrenes	SW8270ESIM			139	31.0 T	94.8	52.6
C4-Naphthalenes	SW8270ESIM			278	96.3 T	387	199
C4-Naphthobenzothiophenes	SW8270ESIM			190	46.0 T	195	92.2
C4-Phenanthrenes/Anthracenes	SW8270ESIM			49.2 U	7.5 T	20.1 J	16.3 J
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	5.05 UT	--	4.88 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	5.05 UT	--	7.56 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	4.94 UT	--	4.88 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	6.57 UT	--	7.2
4,4'-DDE (p,p'-DDE)	SW8081B			--	4.94 UT	--	4.88 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	9.81 T	--	4.88 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007
				Sample ID	Sample Date	Depth	Sample Type
				11/4/2020	0 - 1 ft	N	Easting
				7622881.022	706540.776	7622879.17	706540.804
				7622847.672	706447.457	7622844.652	706446.934
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	5.05 UT	--	7.56 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	15.6 T	--	12.1 T
PH-ROD Sum DDD (U = 1/2 max limit)				--	6.57 UT	--	9.64 T
PH-ROD Sum DDE (U = 1/2 max limit)				--	5.05 UT	--	7.56 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	12.3 T	--	4.88 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	23.1 T	--	20.7 T
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000808 UT	--	0.0000910 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000666 UT	--	0.000105 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00111 UT	--	0.000224 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00311 JT	--	0.000933 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00206 JT	--	0.000402 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0854 T	--	0.0266 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.952 T	--	0.264 J
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00194 JT	--	0.000839 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.000666 UT	--	0.000606 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0246 JT	--	0.0105
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.198 T	--	0.0955 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0128 T	--	0.00146
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0266 T	--	0.00565
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0162 T	--	0.00176 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0361 T	--	0.0233
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00917 T	--	0.00566
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000726 JT	--	0.000872 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00404 T	--	0.00100 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0285 T	--	0.0116
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00540 T	--	0.00323
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0608 T	--	0.0192
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0344 T	--	0.00491 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0842 JT	--	0.0129
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0804 JT	--	0.0395
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0741 T	--	0.0241

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0381 JT	--	0.00728 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0167 JT	--	0.00479 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0147 JT	--	0.00473 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	1.24 JT	--	0.366 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	0.00139 JT	--	0.00402 J
PCB-002	E1668A			--	0.00225 JT	--	0.00783
PCB-003	E1668A			--	0.00202 JT	--	0.00492 J
PCB-004/010	E1668A			--	0.000129 UT	--	0.013
PCB-005/008	E1668A			--	0.00503 JT	--	0.0216
PCB-006	E1668A			--	0.000790 UT	--	0.00524 J
PCB-007/009	E1668A			--	0.000842 UT	--	0.000646 U
PCB-011	E1668A			--	0.00720 T	--	0.0385
PCB-012/013	E1668A			--	0.000763 UT	--	0.00415 J
PCB-014	E1668A			--	0.000770 UT	--	0.000637 U
PCB-015	E1668A			--	0.00626 T	--	0.0222
PCB-016/032	E1668A			--	0.00551 JT	--	0.0277
PCB-017	E1668A			--	0.00291 JT	--	0.0217
PCB-018	E1668A			--	0.00569 JT	--	0.0348
PCB-019	E1668A			--	0.00249 JT	--	0.0144
PCB-020/021/033	E1668A			--	0.00537 JT	--	0.0373
PCB-022	E1668A			--	0.00356 JT	--	0.0245 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			--	0.000274 UT	--	0.000465 U
PCB-024/027	E1668A			--	0.000475 JT	--	0.00479 J
PCB-025	E1668A			--	0.00135 JT	--	0.00983
PCB-026	E1668A			--	0.00214 JT	--	0.0145
PCB-028	E1668A			--	0.0117 T	--	0.0841 J
PCB-029	E1668A			--	0.000271 UT	--	0.000460 U
PCB-030	E1668A			--	0.000216 UT	--	0.000259 U
PCB-031	E1668A			--	0.00999 T	--	0.0623 J
PCB-034	E1668A			--	0.000256 UT	--	0.000582 J
PCB-035	E1668A			--	0.000213 UT	--	0.00244 J
PCB-036	E1668A			--	0.000245 UT	--	0.000401 U
PCB-037	E1668A			--	0.00380 JT	--	0.0308 J
PCB-038	E1668A			--	0.000250 UT	--	0.000871 J
PCB-039	E1668A			--	0.000266 UT	--	0.000832 J
PCB-040	E1668A			--	0.00330 JT	--	0.021
PCB-041/064/071/072	E1668A			--	0.0136 JT	--	0.0939
PCB-042/059	E1668A			--	0.00466 JT	--	0.0354
PCB-043/049	E1668A			--	0.0163 JT	--	0.12
PCB-044	E1668A			--	0.0169 T	--	0.11
PCB-045	E1668A			--	0.00216 JT	--	0.0139
PCB-046	E1668A			--	0.00115 JT	--	0.00623 J
PCB-047	E1668A			--	0.00961 T	--	0.0720 J
PCB-048/075	E1668A			--	0.00251 JT	--	0.0177
PCB-050	E1668A			--	0.000276 UT	--	0.00108 J
PCB-051	E1668A			--	0.00260 JT	--	0.0141
PCB-052/069	E1668A			--	0.0251 T	--	0.154
PCB-053	E1668A			--	0.00310 JT	--	0.0235
PCB-054	E1668A			--	0.000414 JT	--	0.00285 J
PCB-055	E1668A			--	0.000189 UT	--	0.00168 J
PCB-056/060	E1668A			--	0.0111 JT	--	0.0807
PCB-057	E1668A			--	0.000200 UT	--	0.000621 J
PCB-058	E1668A			--	0.000193 UT	--	0.000498 J
PCB-061/070	E1668A			--	0.0249 T	--	0.168 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007
				Sample ID	Sample Date	Depth	Sample Type
				11/4/2020	0 - 1 ft	N	7622881.022
				10/10/2020	0 - 11 in	N	7622879.17
				11/3/2020	0 - 1 ft	N	7622847.672
				10/7/2020	0 - 10.8 in	N	7622844.652
				7622881.022	7622879.17	7622847.672	7622844.652
				706540.776	706540.804	706447.457	706446.934
PCB-062	E1668A			--	0.000240 UT	--	0.000295 U
PCB-063	E1668A			--	0.000768 JT	--	0.00587
PCB-065	E1668A			--	0.000211 UT	--	0.000260 U
PCB-066/076	E1668A			--	0.0161 T	--	0.137
PCB-067	E1668A			--	0.000418 JT	--	0.00343 J
PCB-068	E1668A			--	0.000231 JT	--	0.00246 J
PCB-073	E1668A			--	0.000203 JT	--	0.000841 J
PCB-074	E1668A			--	0.00806 JT	--	0.0589 J
PCB-077	E1668A			--	0.00199 JT	--	0.0159
PCB-078	E1668A			--	0.000204 UT	--	0.000767 J
PCB-079	E1668A			--	0.000689 JT	--	0.00320 J
PCB-080	E1668A			--	0.000186 UT	--	0.000205 U
PCB-081	E1668A			--	0.0000980 JT	--	0.00159 J
PCB-082	E1668A			--	0.00372 JT	--	0.0269 J
PCB-083	E1668A			--	0.000176 UT	--	0.000254 U
PCB-084/092	E1668A			--	0.0194 T	--	0.114 J
PCB-085/116	E1668A			--	0.00570 JT	--	0.0426
PCB-086	E1668A			--	0.000603 JT	--	0.000574 J
PCB-087/117/125	E1668A			--	0.0147 JT	--	0.0878
PCB-088/091	E1668A			--	0.00580 JT	--	0.0415
PCB-089	E1668A			--	0.000261 UT	--	0.00192 J
PCB-090/101	E1668A			--	0.0483 T	--	0.307 J
PCB-093	E1668A			--	0.000303 UT	--	0.000440 U
PCB-094	E1668A			--	0.000577 JT	--	0.00308 J
PCB-095/098/102	E1668A			--	0.0298 JT	--	0.189 J
PCB-096	E1668A			--	0.000479 JT	--	0.00325 J
PCB-097	E1668A			--	0.0117 T	--	0.0707 J
PCB-099	E1668A			--	0.0171 T	--	0.118 J
PCB-100	E1668A			--	0.000867 JT	--	0.00525 J
PCB-103	E1668A			--	0.000699 JT	--	0.00590 J
PCB-104	E1668A			--	0.000200 UT	--	0.000889 J
PCB-105	E1668A			--	0.0133 JT	--	0.103
PCB-106/118	E1668A			--	0.0343 T	--	0.245 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			--	0.00241 JT	--	0.0201
PCB-108/112	E1668A			--	0.00160 JT	--	0.0114
PCB-110	E1668A			--	0.0422 T	--	0.282
PCB-111/115	E1668A			--	0.000961 JT	--	0.00463 J
PCB-113	E1668A			--	0.000524 JT	--	0.00187 J
PCB-114	E1668A			--	0.000950 JT	--	0.00526 J
PCB-119	E1668A			--	0.00132 JT	--	0.0089
PCB-120	E1668A			--	0.000161 UT	--	0.000232 U
PCB-121	E1668A			--	0.000166 UT	--	0.000241 U
PCB-122	E1668A			--	0.000898 JT	--	0.00363 J
PCB-123	E1668A			--	0.00101 JT	--	0.00478 J
PCB-124	E1668A			--	0.00227 JT	--	0.00967
PCB-126	E1668A			--	0.000207 UT	--	0.00166 J
PCB-127	E1668A			--	0.000214 UT	--	0.000329 U
PCB-128/162	E1668A			--	0.00782 JT	--	0.0535
PCB-129	E1668A			--	0.00188 JT	--	0.0131
PCB-130	E1668A			--	0.00310 JT	--	0.0242
PCB-131/133	E1668A			--	0.00157 JT	--	0.0116
PCB-132/161	E1668A			--	0.0123 JT	--	0.0931
PCB-134/143	E1668A			--	0.00281 JT	--	0.0193
PCB-135	E1668A			--	0.00577 JT	--	0.0427 J
PCB-136	E1668A			--	0.00735 JT	--	0.0541 J
PCB-137	E1668A			--	0.00246 JT	--	0.0129
PCB-138/163/164	E1668A			--	0.0484 T	--	0.368 J
PCB-139/149	E1668A			--	0.0369 T	--	0.288 J
PCB-140	E1668A			--	0.000706 JT	--	0.00198 J
PCB-141	E1668A			--	0.00988 T	--	0.0695 J
PCB-142	E1668A			--	0.000307 UT	--	0.000493 U
PCB-144	E1668A			--	0.00238 JT	--	0.0176
PCB-145	E1668A			--	0.000187 UT	--	0.000199 U
PCB-146/165	E1668A			--	0.00797 JT	--	0.069
PCB-147	E1668A			--	0.00119 JT	--	0.00743 J
PCB-148	E1668A			--	0.000264 UT	--	0.000281 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			--	0.000205 UT	--	0.00184 J
PCB-151	E1668A			--	0.0121 T	--	0.0994 J
PCB-152	E1668A			--	0.000187 UT	--	0.000200 U
PCB-153	E1668A			--	0.0444 T	--	0.373
PCB-154	E1668A			--	0.000955 JT	--	0.00799
PCB-155	E1668A			--	0.000213 UT	--	0.000227 U
PCB-156	E1668A			--	0.00447 JT	--	0.0326
PCB-157	E1668A			--	0.00111 JT	--	0.00663
PCB-158/160	E1668A			--	0.00542 JT	--	0.0354
PCB-159	E1668A			--	0.000467 JT	--	0.00409 J
PCB-166	E1668A			--	0.000205 UT	--	0.000887 J
PCB-167	E1668A			--	0.00177 JT	--	0.0135
PCB-168	E1668A			--	0.000203 JT	--	0.000345 U
PCB-169	E1668A			--	0.000219 UT	--	0.000348 U
PCB-170	E1668A			--	0.0124 T	--	0.106 J
PCB-171	E1668A			--	0.00331 JT	--	0.0292
PCB-172	E1668A			--	0.00168 JT	--	0.0167
PCB-173	E1668A			--	0.000288 UT	--	0.00250 J
PCB-174	E1668A			--	0.0125 T	--	0.109
PCB-175	E1668A			--	0.000659 JT	--	0.00496
PCB-176	E1668A			--	0.00174 JT	--	0.014
PCB-177	E1668A			--	0.00836 JT	--	0.07
PCB-178	E1668A			--	0.00329 JT	--	0.028
PCB-179	E1668A			--	0.00555 JT	--	0.0526
PCB-180	E1668A			--	0.0269 T	--	0.255
PCB-181	E1668A			--	0.000414 JT	--	0.00214 J
PCB-182/187	E1668A			--	0.0159 T	--	0.149
PCB-183	E1668A			--	0.00694 T	--	0.0636
PCB-184	E1668A			--	0.000205 UT	--	0.000247 U
PCB-185	E1668A			--	0.00150 JT	--	0.0139
PCB-186	E1668A			--	0.000190 UT	--	0.000229 U
PCB-188	E1668A			--	0.000124 UT	--	0.000236 U
PCB-189	E1668A			--	0.000365 JT	--	0.00416 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-00-01-201104	USMPDI-039SG-201010	USMPDI-040SC-A-00-01-201103	USMPDI-040SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			--	0.00244 JT	--	0.0221
PCB-191	E1668A			--	0.000392 JT	--	0.00388 J
PCB-192	E1668A			--	0.000187 UT	--	0.000249 U
PCB-193	E1668A			--	0.00128 JT	--	0.0128 J
PCB-194	E1668A			--	0.00613 T	--	0.054
PCB-195	E1668A			--	0.00205 JT	--	0.0225
PCB-196/203	E1668A			--	0.00797 JT	--	0.0733
PCB-197	E1668A			--	0.000195 UT	--	0.00208 J
PCB-198	E1668A			--	0.000278 UT	--	0.00230 J
PCB-199	E1668A			--	0.00530 JT	--	0.0666
PCB-200	E1668A			--	0.00123 JT	--	0.00906
PCB-201	E1668A			--	0.000884 JT	--	0.00736 J
PCB-202	E1668A			--	0.00113 JT	--	0.0122 J
PCB-204	E1668A			--	0.000194 UT	--	0.000325 U
PCB-205	E1668A			--	0.000341 JT	--	0.00247 J
PCB-206	E1668A			--	0.00299 JT	--	0.0392 J
PCB-207	E1668A			--	0.000420 JT	--	0.00487 J
PCB-208	E1668A			--	0.00121 JT	--	0.0129
PCB-209	E1668A			--	0.00427 JT	--	0.0569 J
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	0.00565 JT	--	0.0168 JT
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	0.0201 JT	--	0.105 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	0.0560 JT	--	0.372 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	0.167 JT	--	1.2 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	0.262 JT	--	1.72 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	0.224 JT	--	1.72 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	0.106 JT	--	0.960 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0254 JT	--	0.252 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	0.00461 JT	--	0.0570 JT
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	0.00427 JT	--	0.0569 JT
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.000122 JT	--	0.00114 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00000106 JT	--	0.0000128 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0000156 JT	--	0.000186 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	0.875 JT	--	6.4 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SG	USMPDI-040SC-A	USMPDI-040SG
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-039SC-A-00-01-201104	11/4/2020	0 - 1 ft	N	7622881.022	706540.776	
	USMPDI-039SG-201010	10/10/2020	0 - 11 in	N	7622879.17	706540.804	
	USMPDI-040SC-A-00-01-201103	11/3/2020	0 - 1 ft	N	7622847.672	706447.457	
	USMPDI-040SG-201007	10/7/2020	0 - 10.8 in	N	7622844.652	706446.934	
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			119	133 UT	106 U	124 U
Motor oil range hydrocarbons	NWTPHDx			347	266 UT	212 U	249 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105
				Sample ID			
				Sample Date			
				Depth			
				Sample Type			
				Easting			
				Northing			
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			2.61	--	3.51	--
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			3.4	--	3	--
Total Solids	SM2540G			35.8	--	38	--
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			29.6	87.2	49.1	44.8
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			4.1 J	12.7	5.0 J	8.6

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			7.0 J	20.9	8.4 J	15.4
1-Methylphenanthrene	SW8270ESIM			18.2	58.5	26.5	33.4
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			4.3 J	14.8	5.5	8.3
2,6-Dimethylnaphthalene	SW8270ESIM			8.4	20.7	11.6	13.2
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			10.1 J	35.8	13.2 J	23.1
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			24.5	92.5	38.1	44.1
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			15.5 J	35.2	17.4 J	22.2
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			42.8	135	60.4	76.2
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			157	453	205	208
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			193	686	280	330
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			141	513	215	224
Benzo(e)pyrene	SW8270ESIM			137	498	200	231
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			191	546	262	307
Benzo(j)fluoranthene	SW8270ESIM			79.4	284	125	131
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			79.3	245	114	131
Benzothiophene	SW8270ESIM			1.6 J	5.5 J	1.9 J	3.2 J
Carbazole	SW8270ESIM			7	41.4	17.2	15.2
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			183	574	343	298
Decalin, cis-	SW8270ESIM			5.0 UJ	5.6 UJ	5.0 UJ	6.2 UJ
Decalin, trans-	SW8270ESIM			5.0 UJ	5.6 UJ	5.0 UJ	6.2 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			23.2	97.1	37	37.7

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			5.6	17.2	9.6	11.4
Dibenzothiophene	SW8270ESIM			13.8	43.3	21.5	24
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			336	911	666	518
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			20.2	69	32.2	41
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			132	502	185	228
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	20.9 J	70.8	26.1 J	45.2
Perylene	SW8270ESIM			90.4	357	137	185
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			135	553	250	266
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			378	992	667	581
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				300 T	1040 T	454 T	486 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	260 T	933 T	380 T	440 T
PH-ROD Total HPAH (U = 1/2 max limit)				1890 T	5800 T	3100 T	3000 T
PH-ROD Total LPAH (U = 1/2 max limit)				269 JT	991 T	440 JT	518 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		2160 JT	6790 T	3500 JT	3500 T
C1-Benzanthracenes/Chrysenes	SW8270ESIM			168	417	180	276
C1-Benzo(b)thiophene	SW8270ESIM			2.4 J	9.1	3.1 J	7.4
C1-Decalins	SW8270ESIM			5.0 U	15.4	5.0 U	19.4
C1-Dibenz(a,h)anthracenes	SW8270ESIM			28.3	148	49.6	78.6
C1-Dibenzothiophenes	SW8270ESIM			17.9	55.6	25.4	29.8
C1-Fluoranthenes/Pyrenes	SW8270ESIM			145	455	223	245
C1-Fluorenes	SW8270ESIM			22.7	56.6	28.1	32.4
C1-Naphthalenes	SW8270ESIM			17	49.7	19.7	34.1
C1-Naphthobenzothiophenes	SW8270ESIM			24.9	93.4	33.4	42.1
C1-Phenanthrenes/Anthracenes	SW8270ESIM			82.7	267	125	149
C2-Benzanthracenes/Chrysenes	SW8270ESIM			54.9	256	79.7	115
C2-Benzo(b)thiophene	SW8270ESIM			6.9	12.6	5.8	10.2
C2-Decalins	SW8270ESIM			21	54.9	24.3	53.4

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			9.3	77.3	14.9	18.2
C2-Dibenzothiophenes	SW8270ESIM			24.6	84.5	35	50.4
C2-Fluoranthenes/Pyrenes	SW8270ESIM			96.1	243	124	126
C2-Fluorenes	SW8270ESIM			19.8	67.2	26.5	38.8
C2-Naphthalenes	SW8270ESIM			24.3	93.4	33.1	61
C2-Naphthobenzothiophenes	SW8270ESIM			26.4	74.7	31.6	49.7
C2-Phenanthrenes/Anthracenes	SW8270ESIM			78.3	250	105	152
C3-Benzanthracenes/Chrysenes	SW8270ESIM			24.9	132	40.9	70.1
C3-Benzo(b)thiophene	SW8270ESIM			6.1	19.9	7.1	12.7
C3-Decalins	SW8270ESIM			27.1	33.1	20	26.3
C3-Dibenz(a,h)anthracenes	SW8270ESIM			6.1	20.8	10	12.7
C3-Dibenzothiophenes	SW8270ESIM			29.1	81	32.7	43.1
C3-Fluoranthenes/Pyrenes	SW8270ESIM			31.3	133	45.3	54.4
C3-Fluorenes	SW8270ESIM			26.9	78	31.8	40.7
C3-Naphthalenes	SW8270ESIM			32	114	40.1	62.6
C3-Naphthobenzothiophenes	SW8270ESIM			15.4	79.1	26.4	27.4
C3-Phenanthrenes/Anthracenes	SW8270ESIM			69.9	199	71.4	113
C4-Benzanthracenes/Chrysenes	SW8270ESIM			5.9	35.6	8.5	30.2
C4-Decalins	SW8270ESIM			14.2	45.6	21.2	39.8
C4-Dibenzothiophenes	SW8270ESIM			12.4	47.8	12.7	33
C4-Fluoranthenes/Pyrenes	SW8270ESIM			39.2	144	51.3	49.1
C4-Naphthalenes	SW8270ESIM			22.4	77.8	28.1	49.6
C4-Naphthobenzothiophenes	SW8270ESIM			5.0 U	11.7	6.3	8.6
C4-Phenanthrenes/Anthracenes	SW8270ESIM			14.1	104	12.9	35.3
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			6.84 U	--	6.80 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			5.48 U	--	5.19 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			5.48 U	--	5.19 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			4.08 J	--	5.19 U	--
4,4'-DDE (p,p'-DDE)	SW8081B			5.48 U	--	5.19 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			5.48 U	--	5.19 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105	
				Sample Date	10/9/2020	11/5/2020	10/9/2020	11/5/2020
				Depth	0 - 11.3 in	0 - 1 ft	0 - 10.8 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622736.862	7622740.675	7622746.606	7622828.182
				Northing	706342.363	706224.926	706228.2	706285.687
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					6.84 UT	--	6.80 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					9.56 JT	--	5.19 UT	--
PH-ROD Sum DDD (U = 1/2 max limit)					7.50 JT	--	6.80 UT	--
PH-ROD Sum DDE (U = 1/2 max limit)					5.48 UT	--	5.19 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)					5.48 UT	--	5.19 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050		18.5 JT	--	6.80 UT	--
Dioxin Furans (µg/kg)								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01		0.000319 J	--	0.0000674 J	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01		0.000846 J	--	0.000148 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00101 J	--	0.000184 J	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00446	--	0.000739 J	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00228 J	--	0.000380 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.112	--	0.0179	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				1.07	--	0.165	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.00448 J	--	0.000624 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.00732 J	--	0.00102 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.0414	--	0.00704	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.282	--	0.0548	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6		0.00532	--	0.000948	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.00852	--	0.00101 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2		0.00503	--	0.000655 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4		0.015	--	0.00130 J	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.00426	--	0.000354 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.00140 J	--	0.000164 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.00186 J	--	0.000258 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.0206	--	0.00285	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.00304	--	0.000362 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.063	--	0.00769	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.0190 J	--	0.00308 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.0307	--	0.00418	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.0487	--	0.00631	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.0632	--	0.00922	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105	
				Sample Date	10/9/2020	11/5/2020	10/9/2020	11/5/2020
				Depth	0 - 11.3 in	0 - 1 ft	0 - 10.8 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622736.862	7622740.675	7622746.606	7622828.182
				Northing	706342.363	706224.926	706228.2	706285.687
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0154 JT	--	0.00225 JT	--	
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00766 JT	--	0.00102 JT	--	
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00818 JT	--	0.00114 JT	--	
PH-ROD Total PCDD/F (U = 1/2 max limit)				1.32 JT	--	0.200 JT	--	
PCB Aroclors (µg/kg)								
Aroclor 1016	SW8082A			--	--	--	--	
Aroclor 1221	SW8082A			--	--	--	--	
Aroclor 1232	SW8082A			--	--	--	--	
Aroclor 1242	SW8082A			--	--	--	--	
Aroclor 1248	SW8082A			--	--	--	--	
Aroclor 1254	SW8082A			--	--	--	--	
Aroclor 1260	SW8082A			--	--	--	--	
Aroclor 1262	SW8082A			--	--	--	--	
Aroclor 1268	SW8082A			--	--	--	--	
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--	
PCB Congeners (µg/kg)								
PCB-001	E1668A			0.0051	--	0.00506	--	
PCB-002	E1668A			0.0151	--	0.0176	--	
PCB-003	E1668A			0.00578	--	0.00575	--	
PCB-004/010	E1668A			0.0192	--	0.0193	--	
PCB-005/008	E1668A			0.0342	--	0.0375	--	
PCB-006	E1668A			0.00888	--	0.00946	--	
PCB-007/009	E1668A			0.00348 J	--	0.00422 J	--	
PCB-011	E1668A			0.0808	--	0.0706	--	
PCB-012/013	E1668A			0.00754 J	--	0.00701 J	--	
PCB-014	E1668A			0.000678 U	--	0.000545 U	--	
PCB-015	E1668A			0.0419	--	0.0486	--	
PCB-016/032	E1668A			0.0392	--	0.0411	--	
PCB-017	E1668A			0.033	--	0.0295	--	
PCB-018	E1668A			0.0563	--	0.0522	--	
PCB-019	E1668A			0.0215	--	0.0208	--	
PCB-020/021/033	E1668A			0.0529	--	0.0635	--	
PCB-022	E1668A			0.0348	--	0.0389	--	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105
				Sample ID	Sample Date	Depth	Sample Type
				10/9/2020	11/5/2020	0 - 11.3 in	N
				0 - 11.3 in	0 - 1 ft	0 - 10.8 in	0 - 1 ft
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622736.862	7622740.675	7622746.606	7622828.182
				Northing	Northing	Northing	Northing
				706342.363	706224.926	706228.2	706285.687
PCB-023	E1668A			0.000577 U	--	0.000470 U	--
PCB-024/027	E1668A			0.00676 J	--	0.00664 J	--
PCB-025	E1668A			0.0138	--	0.0138	--
PCB-026	E1668A			0.0235	--	0.0222	--
PCB-028	E1668A			0.12	--	0.126	--
PCB-029	E1668A			0.000570 U	--	0.000698 J	--
PCB-030	E1668A			0.000447 U	--	0.000341 U	--
PCB-031	E1668A			0.0945	--	0.102	--
PCB-034	E1668A			0.00133 J	--	0.00130 J	--
PCB-035	E1668A			0.00355 J	--	0.00295 J	--
PCB-036	E1668A			0.000536 U	--	0.000402 U	--
PCB-037	E1668A			0.0485	--	0.0491	--
PCB-038	E1668A			0.00324 J	--	0.00279 J	--
PCB-039	E1668A			0.000584 U	--	0.000437 U	--
PCB-040	E1668A			0.0302	--	0.0282	--
PCB-041/064/071/072	E1668A			0.139	--	0.121	--
PCB-042/059	E1668A			0.0527	--	0.0484	--
PCB-043/049	E1668A			0.172	--	0.15	--
PCB-044	E1668A			0.162	--	0.138	--
PCB-045	E1668A			0.0201	--	0.0186	--
PCB-046	E1668A			0.00973	--	0.00837	--
PCB-047	E1668A			0.102	--	0.0916	--
PCB-048/075	E1668A			0.0276	--	0.0248	--
PCB-050	E1668A			0.00135 J	--	0.00134 J	--
PCB-051	E1668A			0.0189	--	0.0166	--
PCB-052/069	E1668A			0.234	--	0.187	--
PCB-053	E1668A			0.0345	--	0.0286	--
PCB-054	E1668A			0.00447 J	--	0.00452 J	--
PCB-055	E1668A			0.00390 J	--	0.00274 J	--
PCB-056/060	E1668A			0.12	--	0.098	--
PCB-057	E1668A			0.00127 J	--	0.00111 J	--
PCB-058	E1668A			0.00114 J	--	0.00130 J	--
PCB-061/070	E1668A			0.258	--	0.212	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000360 U	--	0.000278 U	--
PCB-063	E1668A			0.00854	--	0.00631 J	--
PCB-065	E1668A			0.000317 U	--	0.000244 U	--
PCB-066/076	E1668A			0.204	--	0.173	--
PCB-067	E1668A			0.00558	--	0.00519	--
PCB-068	E1668A			0.00370 J	--	0.00333 J	--
PCB-073	E1668A			0.00140 J	--	0.000219 U	--
PCB-074	E1668A			0.09	--	0.0766	--
PCB-077	E1668A			0.0254	--	0.0202 J	--
PCB-078	E1668A			0.00117 J	--	0.000758 J	--
PCB-079	E1668A			0.0056	--	0.00446 J	--
PCB-080	E1668A			0.000264 U	--	0.000194 U	--
PCB-081	E1668A			0.00192 J	--	0.00160 J	--
PCB-082	E1668A			0.0394 J	--	0.0362	--
PCB-083	E1668A			0.000376 U	--	0.000347 U	--
PCB-084/092	E1668A			0.186	--	0.139	--
PCB-085/116	E1668A			0.0698	--	0.0504	--
PCB-086	E1668A			0.000617 U	--	0.000569 U	--
PCB-087/117/125	E1668A			0.138	--	0.0973	--
PCB-088/091	E1668A			0.0691	--	0.0494 J	--
PCB-089	E1668A			0.00316 J	--	0.00310 J	--
PCB-090/101	E1668A			0.481	--	0.364	--
PCB-093	E1668A			0.000657 U	--	0.000581 U	--
PCB-094	E1668A			0.00451 J	--	0.00307 J	--
PCB-095/098/102	E1668A			0.301	--	0.22	--
PCB-096	E1668A			0.00425 J	--	0.00377 J	--
PCB-097	E1668A			0.115	--	0.0838	--
PCB-099	E1668A			0.196	--	0.151	--
PCB-100	E1668A			0.00826	--	0.00788	--
PCB-103	E1668A			0.00901	--	0.00809	--
PCB-104	E1668A			0.000914 J	--	0.000588 J	--
PCB-105	E1668A			0.167	--	0.119	--
PCB-106/118	E1668A			0.401	--	0.301	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.032	--	0.0239	--
PCB-108/112	E1668A			0.0179	--	0.0123	--
PCB-110	E1668A			0.442	--	0.324	--
PCB-111/115	E1668A			0.00575 J	--	0.00386 J	--
PCB-113	E1668A			0.00150 J	--	0.000954 J	--
PCB-114	E1668A			0.0096	--	0.00531	--
PCB-119	E1668A			0.0141	--	0.012	--
PCB-120	E1668A			0.00211 J	--	0.000317 U	--
PCB-121	E1668A			0.000359 U	--	0.000318 U	--
PCB-122	E1668A			0.00536	--	0.00364 J	--
PCB-123	E1668A			0.00856	--	0.00588	--
PCB-124	E1668A			0.0172	--	0.0124	--
PCB-126	E1668A			0.00308 J	--	0.00230 J	--
PCB-127	E1668A			0.000498 U	--	0.000550 U	--
PCB-128/162	E1668A			0.0935	--	0.0739	--
PCB-129	E1668A			0.023	--	0.0153	--
PCB-130	E1668A			0.0324	--	0.0252	--
PCB-131/133	E1668A			0.0196	--	0.0151	--
PCB-132/161	E1668A			0.143	--	0.11	--
PCB-134/143	E1668A			0.0318	--	0.0232	--
PCB-135	E1668A			0.0708	--	0.0526	--
PCB-136	E1668A			0.0758	--	0.0613	--
PCB-137	E1668A			0.0222	--	0.0167	--
PCB-138/163/164	E1668A			0.633	--	0.487	--
PCB-139/149	E1668A			0.403	--	0.311	--
PCB-140	E1668A			0.00375 J	--	0.00211 J	--
PCB-141	E1668A			0.113	--	0.087	--
PCB-142	E1668A			0.000698 U	--	0.000591 U	--
PCB-144	E1668A			0.0208	--	0.0171 J	--
PCB-145	E1668A			0.000279 U	--	0.000246 U	--
PCB-146/165	E1668A			0.102	--	0.0861	--
PCB-147	E1668A			0.0117	--	0.0113	--
PCB-148	E1668A			0.00157 J	--	0.00116 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.00206 J	--	0.00142 J	--
PCB-151	E1668A			0.135	--	0.113	--
PCB-152	E1668A			0.000279 U	--	0.000782 J	--
PCB-153	E1668A			0.582	--	0.472	--
PCB-154	E1668A			0.0110 J	--	0.0104	--
PCB-155	E1668A			0.000467 J	--	0.000493 J	--
PCB-156	E1668A			0.0566	--	0.0433	--
PCB-157	E1668A			0.0138	--	0.00951 J	--
PCB-158/160	E1668A			0.0631	--	0.0462	--
PCB-159	E1668A			0.000449 U	--	0.000412 U	--
PCB-166	E1668A			0.00153 J	--	0.00154 J	--
PCB-167	E1668A			0.0242	--	0.0185	--
PCB-168	E1668A			0.000489 U	--	0.000923 J	--
PCB-169	E1668A			0.000571 U	--	0.000473 U	--
PCB-170	E1668A			0.17	--	0.149	--
PCB-171	E1668A			0.049	--	0.0384	--
PCB-172	E1668A			0.0299	--	0.0232	--
PCB-173	E1668A			0.00299 J	--	0.00256 J	--
PCB-174	E1668A			0.164	--	0.138	--
PCB-175	E1668A			0.0066	--	0.00489 J	--
PCB-176	E1668A			0.0193	--	0.017	--
PCB-177	E1668A			0.11	--	0.0893	--
PCB-178	E1668A			0.0403	--	0.0313	--
PCB-179	E1668A			0.0767	--	0.0672	--
PCB-180	E1668A			0.393	--	0.347	--
PCB-181	E1668A			0.00300 J	--	0.00203 J	--
PCB-182/187	E1668A			0.223	--	0.193	--
PCB-183	E1668A			0.0916	--	0.0796	--
PCB-184	E1668A			0.00112 J	--	0.000826 J	--
PCB-185	E1668A			0.0195	--	0.018	--
PCB-186	E1668A			0.000296 J	--	0.000327 U	--
PCB-188	E1668A			0.000712 J	--	0.000869 J	--
PCB-189	E1668A			0.00718	--	0.00431 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0344	--	0.0293	--
PCB-191	E1668A			0.00662	--	0.00577	--
PCB-192	E1668A			0.000499 U	--	0.000355 U	--
PCB-193	E1668A			0.0218	--	0.0189	--
PCB-194	E1668A			0.086	--	0.075	--
PCB-195	E1668A			0.0329	--	0.0216	--
PCB-196/203	E1668A			0.104	--	0.0957	--
PCB-197	E1668A			0.00330 J	--	0.00337 J	--
PCB-198	E1668A			0.00617	--	0.00459 J	--
PCB-199	E1668A			0.0971	--	0.0927	--
PCB-200	E1668A			0.0108	--	0.00942 J	--
PCB-201	E1668A			0.0125 J	--	0.0124	--
PCB-202	E1668A			0.0206	--	0.0184 J	--
PCB-204	E1668A			0.000631 U	--	0.000551 J	--
PCB-205	E1668A			0.00331 J	--	0.00253 J	--
PCB-206	E1668A			0.0637	--	0.0595	--
PCB-207	E1668A			0.00848	--	0.00973	--
PCB-208	E1668A			0.0214	--	0.0236	--
PCB-209	E1668A			0.0935 J	--	0.0756 J	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0260 T	--	0.0284 T	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.196 JT	--	0.197 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.55 JT	--	0.574 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				1.7 JT	--	1.5 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				2.75 JT	--	2.0 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				2.69 JT	--	2.1 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				1.5 JT	--	1.26 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.377 JT	--	0.336 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.0936 T	--	0.0928 T	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.0935 JT	--	0.0756 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.00180 JT	--	0.00142 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000224 JT	--	0.0000169 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000340 JT	--	0.000255 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	10 JT	--	8.2 JT	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-041SG	USMPDI-042SC-A	USMPDI-042SG	USMPDI-043SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SG-201009	USMPDI-042SC-A-00-01-201105	USMPDI-042SG-201009	USMPDI-043SC-A-00-01-201105	
				Sample Date	10/9/2020	11/5/2020	10/9/2020	11/5/2020
				Depth	0 - 11.3 in	0 - 1 ft	0 - 10.8 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622736.862	7622740.675	7622746.606	7622828.182
				Northing	706342.363	706224.926	706228.2	706285.687
Total Petroleum Hydrocarbons (mg/kg)								
Diesel range hydrocarbons	NWTPHDx			143 U	113 U	134 U	125 U	
Motor oil range hydrocarbons	NWTPHDx			286 U	271	268 U	249 U	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010	
				Sample Date	10/9/2020	11/4/2020	10/8/2020	10/10/2020
				Depth	0 - 11 in	0 - 1 ft	0 - 12 in	0 - 10.8 in
				Sample Type	N	N	N	N
				Easting	7622827.343	7622922.141	7622922.5	7622958.523
				Northing	706285.929	706317.123	706314.681	706458.347
Conventional Parameters (unitless)								
Liquid limit	D4318			--	--	--	--	
Plastic limit	D4318			--	--	--	--	
Plasticity index	D4318			--	--	--	--	
Specific gravity	D854			--	--	--	--	
Conventional Parameters (mg/kg)								
Cyanide	D7511-12			3.3	--	13.3 J	11.8 J	
Conventional Parameters (pct)								
Moisture (water) content	D2216			--	--	--	--	
Total organic carbon	SM5310BM			3.2	--	3.1	2.7	
Total Solids	SM2540G			35.8	--	36.9	39.5	
Conventional Parameters (lb/ft³)								
Density (bulk)	D7263			--	--	--	--	
Density (dry)	D7263			--	--	--	--	
Grain Size (pct)								
Gravel	D6913			--	--	--	--	
Sand	D6913			--	--	--	--	
Total fines (Reported, not calculated)	D6913			--	--	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--	
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			43.8	112	69.7 J	--	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			11.2 J	14.3 J	8.7 J	--	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			9.6 J	31.6 J	18.4 J	--
1-Methylphenanthrene	SW8270ESIM			35.3	98.6	50.0 J	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			7.2	23.2 J	10.9 J	--
2,6-Dimethylnaphthalene	SW8270ESIM			20.2	25.0 J	12.3 J	--
2-Methylnaphthalene	SW8270E			--	--	--	213
2-Methylnaphthalene	SW8270ESIM			30.5 J	39.3 J	28.9 J	--
Acenaphthene	SW8270E			--	--	--	197
Acenaphthene	SW8270ESIM			34.7	128	88.1 J	--
Acenaphthylene	SW8270E			--	--	--	192
Acenaphthylene	SW8270ESIM			18.6 J	43.2 J	28.3 J	--
Anthracene	SW8270E			--	--	--	396
Anthracene	SW8270ESIM			410	157	110 J	--
Benzo(a)anthracene	SW8270E			--	--	--	1570
Benzo(a)anthracene	SW8270ESIM			187	612	330 J	--
Benzo(a)pyrene	SW8270E			--	--	--	2840
Benzo(a)pyrene	SW8270ESIM			239	496	437 J	--
Benzo(b)fluoranthene	SW8270E			--	--	--	2290
Benzo(b)fluoranthene	SW8270ESIM			178	409	337 J	--
Benzo(e)pyrene	SW8270ESIM			177	388	304 J	--
Benzo(g,h,i)perylene	SW8270E			--	--	--	1980
Benzo(g,h,i)perylene	SW8270ESIM			227	404 J	309 J	--
Benzo(j)fluoranthene	SW8270ESIM			107	252	176 J	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--	811
Benzo(k)fluoranthene	SW8270ESIM			104	230	176 J	--
Benzothiophene	SW8270ESIM			2.9 J	49.9 UJ	4.3 J	--
Carbazole	SW8270ESIM			92.3	23.2 J	26.9 J	--
Chrysene	SW8270E			--	--	--	1970
Chrysene	SW8270ESIM			267	643	429 J	--
Decalin, cis-	SW8270ESIM			5.0 UJ	49.9 UJ	5.0 UJ	--
Decalin, trans-	SW8270ESIM			5.0 UJ	49.9 UJ	5.0 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--	223
Dibenzo(a,h)anthracene	SW8270ESIM			28.9	41.1 J	49.6 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			27.9	34.8 J	23.8 J	--
Dibenzothiophene	SW8270ESIM			30.7	71.1	37.3 J	--
Fluoranthene	SW8270E			--	--	--	2200
Fluoranthene	SW8270ESIM			498	1510	838 J	--
Fluorene	SW8270E			--	--	--	194
Fluorene	SW8270ESIM			128	141	72.1 J	--
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	1630
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			159	275 J	283 J	--
Naphthalene	SW8270E		140000	--	--	--	639
Naphthalene	SW8270ESIM		140000	47.5 J	56.5 J	58.5 J	--
Perylene	SW8270ESIM			104	241	128 J	--
Phenanthrene	SW8270E			--	--	--	1150
Phenanthrene	SW8270ESIM			571	845	425 J	--
Pyrene	SW8270E			--	--	--	2590
Pyrene	SW8270ESIM			578	1420	869 J	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				389 T	890 T	689 JT	3100 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	322 T	670 JT	580 JT	3620 T
PH-ROD Total HPAH (U = 1/2 max limit)				2570 T	6300 JT	4200 JT	18000 T
PH-ROD Total LPAH (U = 1/2 max limit)				1200 JT	1410 JT	810 JT	2980 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		3800 JT	7700 JT	5000 JT	21000 T
C1-Benzanthracenes/Chrysenes	SW8270ESIM			196	553	277	--
C1-Benzo(b)thiophene	SW8270ESIM			3.8 J	14.6 J	6	--
C1-Decalins	SW8270ESIM			5.0 U	131	5.4	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			35.2	84.2	88	--
C1-Dibenzothiophenes	SW8270ESIM			28	82.1	43.7	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			206	731	393	--
C1-Fluorenes	SW8270ESIM			39.3	90.3	42.7	--
C1-Naphthalenes	SW8270ESIM			35.8	60.8	41.2	--
C1-Naphthobenzothiophenes	SW8270ESIM			31.6	152	61.3	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			145	456	223	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			81.7	181	149	--
C2-Benzo(b)thiophene	SW8270ESIM			8.8	26.0 J	10.3	--
C2-Decalins	SW8270ESIM			28.2	193	32.4	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
				10/9/2020	11/4/2020	10/8/2020	10/10/2020
				0 - 11 in	0 - 1 ft	0 - 12 in	0 - 10.8 in
				N	N	N	N
				7622827.343	7622922.141	7622922.5	7622958.523
				706285.929	706317.123	706314.681	706458.347
C2-Dibenz(a,h)anthracenes	SW8270ESIM			11.7	24.5 J	41.9	--
C2-Dibenzothiophenes	SW8270ESIM			38.2	124	55.7	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			112	312	208	--
C2-Fluorenes	SW8270ESIM			30.1	103	50.3	--
C2-Naphthalenes	SW8270ESIM			51.2	142	83.1	--
C2-Naphthobenzothiophenes	SW8270ESIM			30.3	71	53.4	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			116	398	179	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			40.1	198	81	--
C3-Benzo(b)thiophene	SW8270ESIM			10	49.9 U	14.4	--
C3-Decalins	SW8270ESIM			17.5	104	18.8	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			8.8	49.9 U	18.5	--
C3-Dibenzothiophenes	SW8270ESIM			32.5	106	46.8	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			47	160	89.1	--
C3-Fluorenes	SW8270ESIM			33.9	112	50.7	--
C3-Naphthalenes	SW8270ESIM			52.1	159	106	--
C3-Naphthobenzothiophenes	SW8270ESIM			23.8	34.3 J	32.9	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			78.5	258	122	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			8.3	40.8 J	26.2	--
C4-Decalins	SW8270ESIM			22.7	196	49.2	--
C4-Dibenzothiophenes	SW8270ESIM			12.7	63	26.9	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			65	129	99.9	--
C4-Naphthalenes	SW8270ESIM			33.5	116	59.4	--
C4-Naphthobenzothiophenes	SW8270ESIM			5.0 U	49.9 U	7.4	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			16.5	114	66.2	--
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			5.26 U	--	10.6 U	7.75 U
2,4'-DDE (o,p'-DDE)	SW8081B			5.26 U	--	10.6 U	9.00 U
2,4'-DDT (o,p'-DDT)	SW8081B			5.26 U	--	10.6 U	5.00 U
4,4'-DDD (p,p'-DDD)	SW8081B			5.26 U	--	10.6 U	9.25 U
4,4'-DDE (p,p'-DDE)	SW8081B			5.26 U	--	10.6 U	6.25 U
4,4'-DDT (p,p'-DDT)	SW8081B			5.26 U	--	10.6 UJ	5.00 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				5.26 UT	--	10.6 UT	9.00 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				5.26 UT	--	10.6 UJT	9.25 UT
PH-ROD Sum DDD (U = 1/2 max limit)				5.26 UT	--	10.6 UT	9.25 UT
PH-ROD Sum DDE (U = 1/2 max limit)				5.26 UT	--	10.6 UT	9.00 UT
PH-ROD Sum DDT (U = 1/2 max limit)				5.26 UT	--	10.6 UJT	5.00 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	5.26 UT	--	10.6 UJT	9.25 UT
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000140 J	--	0.000291 J	0.000806 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000441 J	--	0.000637 J	0.000562 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000624 J	--	0.000969 J	0.000470 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00242 J	--	0.00475	0.000502 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00128 J	--	0.00226 J	0.000501 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0616	--	0.144	0.00557
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.6	--	1.43	0.0529
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00259 J	--	0.00413 J	0.000806 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00382 J	--	0.00641 J	0.000562 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0231	--	0.052	0.00167 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.168	--	0.448	0.0222
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00299	--	0.00718	0.000460 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0042	--	0.00965	0.000466 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00213 J	--	0.00549	0.000449 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0173	--	0.0252	0.00112 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00327	--	0.00689	0.000409 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000421 J	--	0.00171 J	0.000554 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000957 J	--	0.00236 J	0.000469 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0184	--	0.0308	0.00121 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00327	--	0.00678	0.000574 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0346	--	0.0754	0.000906 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0111 J	--	0.0263 J	0.000460 U
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0147	--	0.0346	0.000466 U
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0369	--	0.0655	0.00112 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0431	--	0.0809	0.00273 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0088 JT	--	0.0192 JT	0.00141 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0049 JT	--	0.00936 JT	0.00115 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0053 JT	--	0.0103 JT	0.00113 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.75 JT	--	1.75 JT	0.0644 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.00455 J	--	0.00419 J	0.00581
PCB-002	E1668A			0.0103	--	0.00944	0.0131
PCB-003	E1668A			0.00517	--	0.00462 J	0.00791
PCB-004/010	E1668A			0.0175	--	0.0165	0.0229
PCB-005/008	E1668A			0.0289	--	0.0255	0.0432
PCB-006	E1668A			0.00712	--	0.00595	0.0101
PCB-007/009	E1668A			0.00315 J	--	0.00265 J	0.00201 J
PCB-011	E1668A			0.0698	--	0.048	0.0726
PCB-012/013	E1668A			0.00802 J	--	0.00509 J	0.00869 J
PCB-014	E1668A			0.000578 U	--	0.000630 U	0.000704 U
PCB-015	E1668A			0.0402	--	0.0289	0.0469
PCB-016/032	E1668A			0.0369	--	0.032	0.0529
PCB-017	E1668A			0.0275	--	0.0246	0.0445
PCB-018	E1668A			0.0493	--	0.0448	0.0751
PCB-019	E1668A			0.0199	--	0.0166	0.0253
PCB-020/021/033	E1668A			0.0514	--	0.0443	0.0818
PCB-022	E1668A			0.0313	--	0.0269	0.0503

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			0.000461 U	--	0.000529 U	0.000372 U
PCB-024/027	E1668A			0.00666 J	--	0.00547 J	0.00833 J
PCB-025	E1668A			0.013	--	0.0096	0.0189
PCB-026	E1668A			0.0216	--	0.0158	0.0311
PCB-028	E1668A			0.112	--	0.0975	0.173
PCB-029	E1668A			0.000456 U	--	0.000523 U	0.000993 J
PCB-030	E1668A			0.000487 U	--	0.000399 U	0.000197 U
PCB-031	E1668A			0.0893	--	0.0691	0.151
PCB-034	E1668A			0.000430 U	--	0.000879 J	0.00176 J
PCB-035	E1668A			0.00272 J	--	0.00202 J	0.00396 J
PCB-036	E1668A			0.000401 U	--	0.000440 U	0.00109 J
PCB-037	E1668A			0.0433	--	0.0358	0.0626
PCB-038	E1668A			0.00217 J	--	0.00223 J	0.00332 J
PCB-039	E1668A			0.000437 U	--	0.000479 U	0.000920 J
PCB-040	E1668A			0.0272	--	0.0242	0.0449
PCB-041/064/071/072	E1668A			0.128	--	0.108	0.194
PCB-042/059	E1668A			0.0441	--	0.0402	0.0729
PCB-043/049	E1668A			0.158	--	0.129	0.252
PCB-044	E1668A			0.148	--	0.123	0.234
PCB-045	E1668A			0.0196	--	0.016	0.0278
PCB-046	E1668A			0.00884	--	0.00774	0.0118 J
PCB-047	E1668A			0.0951	--	0.0736	0.142
PCB-048/075	E1668A			0.026	--	0.0226	0.0352
PCB-050	E1668A			0.00120 J	--	0.000868 J	0.00157 J
PCB-051	E1668A			0.0172	--	0.0162	0.0263
PCB-052/069	E1668A			0.203	--	0.169	0.337
PCB-053	E1668A			0.0311	--	0.0265	0.045
PCB-054	E1668A			0.00425 J	--	0.00364 J	0.00616
PCB-055	E1668A			0.00293 J	--	0.000326 U	0.00393 J
PCB-056/060	E1668A			0.107	--	0.0906	0.17
PCB-057	E1668A			0.00124 J	--	0.000817 J	0.00122 J
PCB-058	E1668A			0.00110 J	--	0.000808 J	0.00160 J
PCB-061/070	E1668A			0.222	--	0.178	0.369

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000357 U	--	0.000425 U	0.000296 U
PCB-063	E1668A			0.00798	--	0.00634	0.0125
PCB-065	E1668A			0.000314 U	--	0.000374 U	0.000260 U
PCB-066/076	E1668A			0.182	--	0.147	0.288
PCB-067	E1668A			0.00412 J	--	0.00432 J	0.00776
PCB-068	E1668A			0.00194 J	--	0.00259 J	0.00406 J
PCB-073	E1668A			0.00110 J	--	0.000361 U	0.00206 J
PCB-074	E1668A			0.0816	--	0.0642	0.125
PCB-077	E1668A			0.0219	--	0.0185	0.0334
PCB-078	E1668A			0.000776 J	--	0.000346 U	0.00170 J
PCB-079	E1668A			0.00478 J	--	0.00394 J	0.007
PCB-080	E1668A			0.000261 U	--	0.000321 U	0.000210 U
PCB-081	E1668A			0.00128 J	--	0.000922 J	0.00286 J
PCB-082	E1668A			0.0392	--	0.0317	0.0677
PCB-083	E1668A			0.000558 U	--	0.000472 U	0.000291 J
PCB-084/092	E1668A			0.16	--	0.125	0.261
PCB-085/116	E1668A			0.0541	--	0.0447	0.087
PCB-086	E1668A			0.000915 U	--	0.00196 J	0.00160 J
PCB-087/117/125	E1668A			0.112	--	0.0916	0.186
PCB-088/091	E1668A			0.0608	--	0.0456	0.0926
PCB-089	E1668A			0.000829 U	--	0.00331 J	0.00428 J
PCB-090/101	E1668A			0.403	--	0.322	0.688
PCB-093	E1668A			0.000978 U	--	0.00288 J	0.000311 U
PCB-094	E1668A			0.00262 J	--	0.00243 J	0.00487 J
PCB-095/098/102	E1668A			0.246	--	0.195	0.41
PCB-096	E1668A			0.00378 J	--	0.00202 J	0.00465 J
PCB-097	E1668A			0.0903	--	0.0728	0.159
PCB-099	E1668A			0.163	--	0.123	0.268
PCB-100	E1668A			0.00735	--	0.00644 J	0.013
PCB-103	E1668A			0.00655 J	--	0.00669 J	0.0149
PCB-104	E1668A			0.000838 J	--	0.000550 U	0.00122 J
PCB-105	E1668A			0.128	--	0.105	0.222
PCB-106/118	E1668A			0.328	--	0.255	0.541

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.0279	--	0.0213	0.0428
PCB-108/112	E1668A			0.0145	--	0.00982 J	0.0251
PCB-110	E1668A			0.363	--	0.296	0.609
PCB-111/115	E1668A			0.00394 J	--	0.00383 J	0.00672 J
PCB-113	E1668A			0.000605 U	--	0.00218 J	0.000190 U
PCB-114	E1668A			0.0068	--	0.00553	0.0118
PCB-119	E1668A			0.0128	--	0.00973	0.0197
PCB-120	E1668A			0.000510 U	--	0.00126 J	0.000161 U
PCB-121	E1668A			0.000535 U	--	0.000236 J	0.000170 U
PCB-122	E1668A			0.00401 J	--	0.00321 J	0.00658 J
PCB-123	E1668A			0.00572 J	--	0.00512	0.00833
PCB-124	E1668A			0.0131 J	--	0.0102	0.0202
PCB-126	E1668A			0.00246 J	--	0.00224 J	0.00382 J
PCB-127	E1668A			0.000448 U	--	0.000361 U	0.000550 U
PCB-128/162	E1668A			0.0771	--	0.0559	0.118
PCB-129	E1668A			0.0185	--	0.0138	0.0304
PCB-130	E1668A			0.0301	--	0.026	0.0474
PCB-131/133	E1668A			0.0165	--	0.0131	0.0267
PCB-132/161	E1668A			0.119	--	0.0983	0.213
PCB-134/143	E1668A			0.0255	--	0.0204	0.0411
PCB-135	E1668A			0.0549	--	0.0448	0.0959
PCB-136	E1668A			0.0726	--	0.0484 J	0.112
PCB-137	E1668A			0.0192	--	0.0143	0.0316
PCB-138/163/164	E1668A			0.516	--	0.402	0.823
PCB-139/149	E1668A			0.354	--	0.284	0.583
PCB-140	E1668A			0.00186 J	--	0.00367 J	0.00725
PCB-141	E1668A			0.0941	--	0.0737	0.157
PCB-142	E1668A			0.000579 U	--	0.000655 U	0.000580 U
PCB-144	E1668A			0.021	--	0.0156	0.035
PCB-145	E1668A			0.000343 U	--	0.000270 J	0.0000856 U
PCB-146/165	E1668A			0.0903	--	0.0765	0.149
PCB-147	E1668A			0.0111 J	--	0.00922	0.0203
PCB-148	E1668A			0.00128 J	--	0.00152 J	0.00402 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.00147 J	--	0.00109 J	0.00302 J
PCB-151	E1668A			0.123	--	0.1	0.192
PCB-152	E1668A			0.000646 J	--	0.000292 J	0.000927 J
PCB-153	E1668A			0.502	--	0.386	0.804
PCB-154	E1668A			0.00932	--	0.00868 J	0.0186
PCB-155	E1668A			0.000699 J	--	0.000316 U	0.000519 J
PCB-156	E1668A			0.046	--	0.035	0.0756
PCB-157	E1668A			0.0109	--	0.00779	0.0146
PCB-158/160	E1668A			0.0497	--	0.0394	0.0799
PCB-159	E1668A			0.000379 U	--	0.000412 U	0.000359 U
PCB-166	E1668A			0.00111 J	--	0.00111 J	0.00221 J
PCB-167	E1668A			0.0199	--	0.0155	0.0313
PCB-168	E1668A			0.000405 U	--	0.00112 J	0.000406 U
PCB-169	E1668A			0.000440 U	--	0.000513 U	0.000420 U
PCB-170	E1668A			0.148	--	0.116	0.252
PCB-171	E1668A			0.0408	--	0.0333	0.0667
PCB-172	E1668A			0.0235	--	0.0194	0.0394
PCB-173	E1668A			0.00377 J	--	0.00270 J	0.00475 J
PCB-174	E1668A			0.152	--	0.123	0.24
PCB-175	E1668A			0.0062	--	0.0055	0.00961
PCB-176	E1668A			0.018	--	0.0136 J	0.0304
PCB-177	E1668A			0.0938	--	0.072	0.153
PCB-178	E1668A			0.0336	--	0.0293	0.0567
PCB-179	E1668A			0.0685	--	0.0551	0.11
PCB-180	E1668A			0.352	--	0.273	0.575
PCB-181	E1668A			0.00230 J	--	0.00300 J	0.000389 U
PCB-182/187	E1668A			0.188	--	0.156	0.329
PCB-183	E1668A			0.0818	--	0.0678	0.144
PCB-184	E1668A			0.000647 J	--	0.000571 J	0.000775 J
PCB-185	E1668A			0.0188	--	0.0123	0.0274
PCB-186	E1668A			0.000363 U	--	0.000305 U	0.000307 U
PCB-188	E1668A			0.000630 J	--	0.000628 J	0.000911 J
PCB-189	E1668A			0.00634	--	0.00462 J	0.00907

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SG-201009	USMPDI-044SC-A-00-01-201104	USMPDI-044SG-201008	USMPDI-045SG-201010
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0294	--	0.026	0.0524
PCB-191	E1668A			0.00526 J	--	0.00407 J	0.00767 J
PCB-192	E1668A			0.000409 U	--	0.000332 U	0.000314 U
PCB-193	E1668A			0.0189	--	0.0147	0.0294
PCB-194	E1668A			0.0766	--	0.0607	0.127
PCB-195	E1668A			0.02	--	0.0243	0.0556
PCB-196/203	E1668A			0.0996	--	0.0786	0.157
PCB-197	E1668A			0.00298 J	--	0.00279 J	0.00373 J
PCB-198	E1668A			0.00525	--	0.00314 J	0.006
PCB-199	E1668A			0.0966	--	0.0705	0.145
PCB-200	E1668A			0.0110 J	--	0.00985	0.0167
PCB-201	E1668A			0.0118 J	--	0.00962	0.019
PCB-202	E1668A			0.0196	--	0.0159	0.0267
PCB-204	E1668A			0.000601 U	--	0.000270 U	0.000187 U
PCB-205	E1668A			0.00320 J	--	0.00271 J	0.00688
PCB-206	E1668A			0.0548	--	0.0415	0.0906
PCB-207	E1668A			0.00849	--	0.00625	0.0116
PCB-208	E1668A			0.0194	--	0.0144	0.0263
PCB-209	E1668A			0.0879	--	0.061	0.117
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0200 JT	--	0.0183 JT	0.0268 T
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.175 JT	--	0.133 JT	0.207 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.508 JT	--	0.429 JT	0.787 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				1.55 JT	--	1.28 JT	2.5 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				2.3 JT	--	1.81 JT	3.8 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				2.29 JT	--	1.8 JT	3.72 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				1.29 JT	--	1.03 JT	2.1 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.347 JT	--	0.278 JT	0.564 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.0827 T	--	0.0622 T	0.129 T
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.0879 T	--	0.0610 T	0.117 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.00149 JT	--	0.00126 JT	0.00238 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000179 JT	--	0.0000157 JT	0.0000284 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000272 JT	--	0.000247 JT	0.000420 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	8.6 JT	--	6.9 JT	14 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-043SG	USMPDI-044SC-A	USMPDI-044SG	USMPDI-045SG
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-043SG-201009	10/9/2020	0 - 11 in	N	7622827.343	706285.929	
	USMPDI-044SC-A-00-01-201104	11/4/2020	0 - 1 ft	N	7622922.141	706317.123	
	USMPDI-044SG-201008	10/8/2020	0 - 12 in	N	7622922.5	706314.681	
	USMPDI-045SG-201010	10/10/2020	0 - 10.8 in	N	7622958.523	706458.347	
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			140 U	114 U	135 U	--
Motor oil range hydrocarbons	NWTPHDx			281 U	228 U	270 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007	
				Sample Date	10/30/2020	10/9/2020	11/3/2020	10/7/2020
				Depth	0 - 1 ft	0 - 10.5 in	0 - 1 ft	0 - 8.7 in
				Sample Type	N	N	N	N
				Easting	7623077.197	7623075.803	7622990.014	7622986.775
				Northing	706366.254	706367.727	706317.046	706318.741
Conventional Parameters (unitless)								
Liquid limit	D4318			--	--	--	--	
Plastic limit	D4318			--	--	--	--	
Plasticity index	D4318			--	--	--	--	
Specific gravity	D854			--	--	--	--	
Conventional Parameters (mg/kg)								
Cyanide	D7511-12			--	15.1	--	43.2 JT	
Conventional Parameters (pct)								
Moisture (water) content	D2216			--	--	--	--	
Total organic carbon	SM5310BM			--	2.6	--	2.9 T	
Total Solids	SM2540G			--	37.8	--	40.9 T	
Conventional Parameters (lb/ft³)								
Density (bulk)	D7263			--	--	--	--	
Density (dry)	D7263			--	--	--	--	
Grain Size (pct)								
Gravel	D6913			--	--	--	--	
Sand	D6913			--	--	--	--	
Total fines (Reported, not calculated)	D6913			--	--	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--	
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			639	234	176	402 T	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			125	32.3 J	19.1	34.6 JT	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007
				Sample Date 10/30/2020	10/9/2020	11/3/2020	10/7/2020
				Depth 0 - 1 ft	0 - 10.5 in	0 - 1 ft	0 - 8.7 in
				Sample Type N	N	N	N
				Easting 7623077.197	7623075.803	7622990.014	7622986.775
				Northing 706366.254	706367.727	706317.046	706318.741
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			178	68.8 J	43	66.5 JT
1-Methylphenanthrene	SW8270ESIM			528	173	144	238 T
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			106	41.2	29.7	36.4 JT
2,6-Dimethylnaphthalene	SW8270ESIM			263	96.4	60.8	42.6 JT
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			460	99.0 J	68.6	103 JT
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			672	271	225	285 T
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			193	106 J	66.5	156 JT
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			1660	410	262	610 T
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			3320	1440	833	2010 T
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			4150	1830	1000	1810 T
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			2830	1110	712	1590 T
Benzo(e)pyrene	SW8270ESIM			2670	1110	723	1400 T
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			2130 J	1570	795	1720 T
Benzo(j)fluoranthene	SW8270ESIM			1790	642	408	880 T
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1720	634	413	874 T
Benzothiophene	SW8270ESIM			71.5	17.1 J	12	13.2 JT
Carbazole	SW8270ESIM			484	101	38.4	200 T
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			4140	1510	1130	2440 T
Decalin, cis-	SW8270ESIM			25.0 U	25.0 UJ	5.0 U	99.9 UJT
Decalin, trans-	SW8270ESIM			25.0 U	25.0 UJ	5.0 UJ	99.9 UJT
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			536 J	234	119 J	201 T

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			10/30/2020	10/9/2020	11/3/2020	10/7/2020
Dibenzothiophene	SW8270ESIM			0 - 1 ft	0 - 10.5 in	0 - 1 ft	0 - 8.7 in
Fluoranthene	SW8270E			N	N	N	N
Fluoranthene	SW8270ESIM			7623077.197	7623075.803	7622990.014	7622986.775
Fluorene	SW8270E			706366.254	706367.727	706317.046	706318.741
Fluorene	SW8270ESIM						
Indeno(1,2,3-c,d)pyrene	SW8270E						
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			89	35	28	80.8 JT
Naphthalene	SW8270E		140000	349	134	91.7	144 T
Naphthalene	SW8270ESIM		140000	--	--	--	--
Perylene	SW8270ESIM			6220	2620	2020	5100 T
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			556	188	211	288 T
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			2390 J	1090	533 J	1260 T
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	990	210 J	120	190 T
PH-ROD Total HPAH (U = 1/2 max limit)				1050	460	257	449 T
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		4180	1550	1080	1880 T
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			7080	3100	2020	4610 T
C1-Decalins	SW8270ESIM			6340 T	2390 T	1530 T	3300 T
C1-Dibenz(a,h)anthracenes	SW8270ESIM			5560 JT	2440 T	1300 JT	2510 T
C1-Dibenzothiophenes	SW8270ESIM			36300 JT	16000 T	10000 JT	22000 T
C1-Fluoranthenes/Pyrenes	SW8270ESIM			8700 T	2800 JT	2000 T	3500 JT
C1-Fluorenes	SW8270ESIM			45000 JT	19000 JT	12000 JT	26000 JT
C1-Naphthalenes	SW8270ESIM			3290	1130	821	1300 T
C1-Naphthobenzothiophenes	SW8270ESIM			60.4	17.2 J	12	31.4 JT
C1-Phenanthrenes/Anthracenes	SW8270ESIM			25.0 U	25.0 U	5.0 U	300 T
C2-Benzanthracenes/Chrysenes	SW8270ESIM			807	333	173	341 T
C2-Benzo(b)thiophene	SW8270ESIM			481	174	83	189 T
C2-Decalins	SW8270ESIM			3490	1240	1090	1900 T
	SW8270ESIM			430	166	116	184 T
	SW8270ESIM			552	152	97.8	142 T
	SW8270ESIM			448	176	113	270 T
	SW8270ESIM			2380	856	618	1060 T
	SW8270ESIM			1970	665	429	698 T
	SW8270ESIM			127	44.4	22.9	39.4 JT
	SW8270ESIM			82.3	78.8	73.9	99.9 UT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			370	163	63.1	150 T
C2-Dibenzothiophenes	SW8270ESIM			580	232	145	246 T
C2-Fluoranthenes/Pyrenes	SW8270ESIM			2010	778	594	941 T
C2-Fluorenes	SW8270ESIM			469	191	125	219 T
C2-Naphthalenes	SW8270ESIM			739	269	179	246 T
C2-Naphthobenzothiophenes	SW8270ESIM			520	217	128	178 T
C2-Phenanthrenes/Anthracenes	SW8270ESIM			2030	785	496	864 T
C3-Benzanthracenes/Chrysenes	SW8270ESIM			963	326	245	355 T
C3-Benzo(b)thiophene	SW8270ESIM			241	85.3	42	99.9 UT
C3-Decalins	SW8270ESIM			106	56.7	38.2	125 JT
C3-Dibenz(a,h)anthracenes	SW8270ESIM			122	63.4	29	56.2 JT
C3-Dibenzothiophenes	SW8270ESIM			463	200	132	210 T
C3-Fluoranthenes/Pyrenes	SW8270ESIM			1380	550	319	574 T
C3-Fluorenes	SW8270ESIM			468	212	132	250 T
C3-Naphthalenes	SW8270ESIM			887	317	248	303 T
C3-Naphthobenzothiophenes	SW8270ESIM			377	106	60.8	100 JT
C3-Phenanthrenes/Anthracenes	SW8270ESIM			1310	535	338	568 T
C4-Benzanthracenes/Chrysenes	SW8270ESIM			385	119	59.3	120 JT
C4-Decalins	SW8270ESIM			92.3	45.7	67.8	99.9 UT
C4-Dibenzothiophenes	SW8270ESIM			225	101	67.3	113 T
C4-Fluoranthenes/Pyrenes	SW8270ESIM			743	356	191	450 T
C4-Naphthalenes	SW8270ESIM			567	197	124	175 T
C4-Naphthobenzothiophenes	SW8270ESIM			38.1	22.2 J	10.6	99.9 UT
C4-Phenanthrenes/Anthracenes	SW8270ESIM			515	192	244	262 T
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	5.15 U	--	14.3 UT
2,4'-DDE (o,p'-DDE)	SW8081B			--	6.18 U	--	15.8 UT
2,4'-DDT (o,p'-DDT)	SW8081B			--	5.15 U	--	8.88 UT
4,4'-DDD (p,p'-DDD)	SW8081B			--	10.1 J	--	18.0 UT
4,4'-DDE (p,p'-DDE)	SW8081B			--	5.15 U	--	6.72 UT
4,4'-DDT (p,p'-DDT)	SW8081B			--	5.15 U	--	6.48 UT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	6.18 UT	--	15.8 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	15.3 JT	--	18.0 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	12.7 JT	--	18.0 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	6.18 UT	--	15.8 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	5.15 UT	--	8.88 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	23.5 JT	--	18.0 UT
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000392 J	--	0.000213 JT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000756 J	--	0.000579 JT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000969 J	--	0.000817 JT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00401	--	0.00551 T
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00204 J	--	0.00186 JT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.117	--	0.199 T
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	1.23	--	1.7 T
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00605 J	--	0.00321 JT
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00740 J	--	0.00568 JT
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0446	--	0.0811 T
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.338	--	0.784 T
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0375	--	0.00797 T
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0508	--	0.00649 JT
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0286	--	0.00498 JT
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0514	--	0.0111 T
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0131	--	0.00289 JT
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00259	--	0.000593 JT
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00482	--	0.00142 JT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0285	--	0.0155 T
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00611	--	0.00196 JT
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0663	--	0.0352 T
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0947 J	--	0.0274 JT
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.138	--	0.0279 JT
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.11	--	0.0430 JT
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0781	--	0.0539 T

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007	
				Sample Date	10/30/2020	10/9/2020	11/3/2020	10/7/2020
				Depth	0 - 1 ft	0 - 10.5 in	0 - 1 ft	0 - 8.7 in
				Sample Type	N	N	N	N
				Easting	7623077.197	7623075.803	7622990.014	7622986.775
				Northing	706366.254	706367.727	706317.046	706318.741
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0804 JT	--	0.017 JT	
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0282 JT	--	0.0066 JT	
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0248 JT	--	0.0084 JT	
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	1.64 JT	--	2.0 JT	
PCB Aroclors (µg/kg)								
Aroclor 1016	SW8082A			--	--	--	--	
Aroclor 1221	SW8082A			--	--	--	--	
Aroclor 1232	SW8082A			--	--	--	--	
Aroclor 1242	SW8082A			--	--	--	--	
Aroclor 1248	SW8082A			--	--	--	--	
Aroclor 1254	SW8082A			--	--	--	--	
Aroclor 1260	SW8082A			--	--	--	--	
Aroclor 1262	SW8082A			--	--	--	--	
Aroclor 1268	SW8082A			--	--	--	--	
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--	
PCB Congeners (µg/kg)								
PCB-001	E1668A			--	0.00842	--	0.00672 T	
PCB-002	E1668A			--	0.0129	--	0.0132 T	
PCB-003	E1668A			--	0.00892	--	0.00878 T	
PCB-004/010	E1668A			--	0.0239	--	0.0179 T	
PCB-005/008	E1668A			--	0.0505	--	0.0374 T	
PCB-006	E1668A			--	0.0115	--	0.00889 T	
PCB-007/009	E1668A			--	0.00506 J	--	0.00519 JT	
PCB-011	E1668A			--	0.0697	--	0.0540 T	
PCB-012/013	E1668A			--	0.0105	--	0.00753 JT	
PCB-014	E1668A			--	0.000510 U	--	0.000725 UT	
PCB-015	E1668A			--	0.0597	--	0.0386 T	
PCB-016/032	E1668A			--	0.0606	--	0.0474 T	
PCB-017	E1668A			--	0.046	--	0.0361 T	
PCB-018	E1668A			--	0.0824	--	0.0547 T	
PCB-019	E1668A			--	0.0254	--	0.0170 T	
PCB-020/021/033	E1668A			--	0.0925	--	0.0748 T	
PCB-022	E1668A			--	0.0558	--	0.0448 T	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007
				Sample Date 10/30/2020	10/9/2020	11/3/2020	10/7/2020
				Depth 0 - 1 ft	0 - 10.5 in	0 - 1 ft	0 - 8.7 in
				Sample Type N	N	N	N
				Easting 7623077.197	7623075.803	7622990.014	7622986.775
				Northing 706366.254	706367.727	706317.046	706318.741
PCB-023	E1668A			--	0.000610 U	--	0.000507 UT
PCB-024/027	E1668A			--	0.00923 J	--	0.00673 JT
PCB-025	E1668A			--	0.0213	--	0.0162 T
PCB-026	E1668A			--	0.0341	--	0.0273 T
PCB-028	E1668A			--	0.191	--	0.155 T
PCB-029	E1668A			--	0.000603 U	--	0.00128 JT
PCB-030	E1668A			--	0.000441 U	--	0.000247 UT
PCB-031	E1668A			--	0.154	--	0.127 T
PCB-034	E1668A			--	0.00185 J	--	0.00154 JT
PCB-035	E1668A			--	0.00366 J	--	0.00394 JT
PCB-036	E1668A			--	0.000518 U	--	0.000736 JT
PCB-037	E1668A			--	0.0707	--	0.0503 T
PCB-038	E1668A			--	0.00400 J	--	0.00233 JT
PCB-039	E1668A			--	0.000564 U	--	0.000471 UT
PCB-040	E1668A			--	0.0475	--	0.0250 T
PCB-041/064/071/072	E1668A			--	0.205	--	0.131 T
PCB-042/059	E1668A			--	0.0812	--	0.0580 T
PCB-043/049	E1668A			--	0.281	--	0.185 T
PCB-044	E1668A			--	0.24	--	0.176 T
PCB-045	E1668A			--	0.0317	--	0.0249 T
PCB-046	E1668A			--	0.0134 J	--	0.0116 T
PCB-047	E1668A			--	0.171	--	0.095 T
PCB-048/075	E1668A			--	0.0456	--	0.0324 T
PCB-050	E1668A			--	0.00149 J	--	0.000996 JT
PCB-051	E1668A			--	0.0358	--	0.0169 T
PCB-052/069	E1668A			--	0.339	--	0.238 T
PCB-053	E1668A			--	0.0488	--	0.0326 T
PCB-054	E1668A			--	0.00589	--	0.00380 JT
PCB-055	E1668A			--	0.00374 J	--	0.00244 JT
PCB-056/060	E1668A			--	0.186	--	0.135 T
PCB-057	E1668A			--	0.00224 J	--	0.00165 JT
PCB-058	E1668A			--	0.00201 J	--	0.00118 JT
PCB-061/070	E1668A			--	0.397	--	0.278 T

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			--	0.000339 U	--	0.000341 UT
PCB-063	E1668A			--	0.0149	--	0.00971 T
PCB-065	E1668A			--	0.000298 U	--	0.000300 UT
PCB-066/076	E1668A			--	0.318	--	0.217 T
PCB-067	E1668A			--	0.0087	--	0.00647 JT
PCB-068	E1668A			--	0.00282 J	--	0.00233 JT
PCB-073	E1668A			--	0.00318 J	--	0.00248 JT
PCB-074	E1668A			--	0.139	--	0.093 T
PCB-077	E1668A			--	0.0359	--	0.0227 T
PCB-078	E1668A			--	0.00118 J	--	0.000770 JT
PCB-079	E1668A			--	0.00747	--	0.00430 JT
PCB-080	E1668A			--	0.000232 U	--	0.000241 UT
PCB-081	E1668A			--	0.00226 J	--	0.000587 JT
PCB-082	E1668A			--	0.0565	--	0.0361 T
PCB-083	E1668A			--	0.000240 U	--	0.000215 UT
PCB-084/092	E1668A			--	0.242	--	0.162 T
PCB-085/116	E1668A			--	0.0783	--	0.0531 T
PCB-086	E1668A			--	0.00182 J	--	0.00123 JT
PCB-087/117/125	E1668A			--	0.159	--	0.107 T
PCB-088/091	E1668A			--	0.0917	--	0.0593 T
PCB-089	E1668A			--	0.00486 J	--	0.00321 JT
PCB-090/101	E1668A			--	0.628	--	0.41 T
PCB-093	E1668A			--	0.000407 U	--	0.000888 JT
PCB-094	E1668A			--	0.00584	--	0.00327 JT
PCB-095/098/102	E1668A			--	0.395	--	0.26 T
PCB-096	E1668A			--	0.00410 J	--	0.00194 JT
PCB-097	E1668A			--	0.144	--	0.0911 T
PCB-099	E1668A			--	0.258	--	0.16 T
PCB-100	E1668A			--	0.0147	--	0.00671 JT
PCB-103	E1668A			--	0.0154	--	0.00955 T
PCB-104	E1668A			--	0.000333 U	--	0.000801 JT
PCB-105	E1668A			--	0.181	--	0.122 T
PCB-106/118	E1668A			--	0.488	--	0.291 T

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007
				Sample Date	10/30/2020	10/9/2020	11/3/2020
				Depth	0 - 1 ft	0 - 10.5 in	0 - 1 ft
				Sample Type	N	N	N
				Easting	7623077.197	7623075.803	7622990.014
				Northing	706366.254	706367.727	706317.046
PCB-107/109	E1668A			--	0.0394	--	0.0259 T
PCB-108/112	E1668A			--	0.0238	--	0.0150 JT
PCB-110	E1668A			--	0.549	--	0.361 T
PCB-111/115	E1668A			--	0.00668 J	--	0.00420 JT
PCB-113	E1668A			--	0.00253 J	--	0.00132 JT
PCB-114	E1668A			--	0.00909 J	--	0.00649 JT
PCB-119	E1668A			--	0.0211	--	0.0125 T
PCB-120	E1668A			--	0.00243 J	--	0.00169 JT
PCB-121	E1668A			--	0.000223 U	--	0.000344 JT
PCB-122	E1668A			--	0.00544	--	0.00434 JT
PCB-123	E1668A			--	0.0074	--	0.00487 JT
PCB-124	E1668A			--	0.0173	--	0.0113 T
PCB-126	E1668A			--	0.00283 J	--	0.00176 JT
PCB-127	E1668A			--	0.000432 U	--	0.000341 UT
PCB-128/162	E1668A			--	0.0983	--	0.0649 T
PCB-129	E1668A			--	0.0219	--	0.0163 T
PCB-130	E1668A			--	0.0484	--	0.0353 JT
PCB-131/133	E1668A			--	0.0245	--	0.0182 T
PCB-132/161	E1668A			--	0.179	--	0.128 T
PCB-134/143	E1668A			--	0.0347 J	--	0.0238 T
PCB-135	E1668A			--	0.0919	--	0.0631 T
PCB-136	E1668A			--	0.103	--	0.0728 T
PCB-137	E1668A			--	0.0213	--	0.0143 T
PCB-138/163/164	E1668A			--	0.728	--	0.519 T
PCB-139/149	E1668A			--	0.529	--	0.407 T
PCB-140	E1668A			--	0.00652 J	--	0.00658 JT
PCB-141	E1668A			--	0.143	--	0.0955 T
PCB-142	E1668A			--	0.000594 J	--	0.000314 UT
PCB-144	E1668A			--	0.0298	--	0.0227 T
PCB-145	E1668A			--	0.000278 U	--	0.000164 UT
PCB-146/165	E1668A			--	0.136	--	0.110 T
PCB-147	E1668A			--	0.0172	--	0.0108 JT
PCB-148	E1668A			--	0.00289 J	--	0.00204 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			--	0.00360 J	--	0.00210 JT
PCB-151	E1668A			--	0.185	--	0.140 T
PCB-152	E1668A			--	0.000643 J	--	0.00111 JT
PCB-153	E1668A			--	0.742	--	0.560 T
PCB-154	E1668A			--	0.0182	--	0.0174 T
PCB-155	E1668A			--	0.000762 J	--	0.000493 JT
PCB-156	E1668A			--	0.0625	--	0.0449 T
PCB-157	E1668A			--	0.0117 J	--	0.00842 T
PCB-158/160	E1668A			--	0.0684	--	0.0481 T
PCB-159	E1668A			--	0.000351 U	--	0.000182 UT
PCB-166	E1668A			--	0.00182 J	--	0.00175 JT
PCB-167	E1668A			--	0.0236	--	0.0180 T
PCB-168	E1668A			--	0.000380 U	--	0.00180 JT
PCB-169	E1668A			--	0.000427 U	--	0.000220 UT
PCB-170	E1668A			--	0.218	--	0.230 T
PCB-171	E1668A			--	0.0601	--	0.0619 T
PCB-172	E1668A			--	0.0346	--	0.0343 T
PCB-173	E1668A			--	0.00472 J	--	0.00342 JT
PCB-174	E1668A			--	0.237	--	0.178 T
PCB-175	E1668A			--	0.00793	--	0.00923 JT
PCB-176	E1668A			--	0.0294	--	0.0265 T
PCB-177	E1668A			--	0.148	--	0.142 T
PCB-178	E1668A			--	0.0522	--	0.0496 T
PCB-179	E1668A			--	0.108	--	0.0873 T
PCB-180	E1668A			--	0.526	--	0.546 T
PCB-181	E1668A			--	0.00393 J	--	0.00208 JT
PCB-182/187	E1668A			--	0.296	--	0.293 T
PCB-183	E1668A			--	0.126	--	0.132 T
PCB-184	E1668A			--	0.000378 U	--	0.000651 JT
PCB-185	E1668A			--	0.0257	--	0.0220 T
PCB-186	E1668A			--	0.000350 U	--	0.000237 JT
PCB-188	E1668A			--	0.000859 J	--	0.000671 JT
PCB-189	E1668A			--	0.00715 J	--	0.0103 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-00-01-201030	USMPDI-047SG-201009	USMPDI-048SC-A-00-01-201103	USMPDI-048SG-201007
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			--	0.0463	--	0.0478 T
PCB-191	E1668A			--	0.00796	--	0.00954 JT
PCB-192	E1668A			--	0.000385 U	--	0.000244 UT
PCB-193	E1668A			--	0.0286	--	0.0283 T
PCB-194	E1668A			--	0.11	--	0.141 T
PCB-195	E1668A			--	0.0393	--	0.0563 T
PCB-196/203	E1668A			--	0.145	--	0.169 JT
PCB-197	E1668A			--	0.00402 J	--	0.00594 JT
PCB-198	E1668A			--	0.00695	--	0.0109 T
PCB-199	E1668A			--	0.138	--	0.129 T
PCB-200	E1668A			--	0.0168	--	0.0170 T
PCB-201	E1668A			--	0.0171	--	0.0181 JT
PCB-202	E1668A			--	0.026	--	0.0234 T
PCB-204	E1668A			--	0.000437 U	--	0.000350 UT
PCB-205	E1668A			--	0.00490 J	--	0.00813 JT
PCB-206	E1668A			--	0.113	--	0.0707 T
PCB-207	E1668A			--	0.013	--	0.00906 JT
PCB-208	E1668A			--	0.0353	--	0.0211 T
PCB-209	E1668A			--	0.161	--	0.0840 T
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	0.0302 T	--	0.0287 T
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	0.231 JT	--	0.170 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	0.854 JT	--	0.667 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	2.7 JT	--	1.8 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	3.46 JT	--	2.2 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	3.33 JT	--	2.5 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	1.97 JT	--	1.9 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	0.51 JT	--	0.579 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	0.161 T	--	0.101 JT
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	0.161 T	--	0.0840 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.00234 JT	--	0.00139 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0000228 JT	--	0.0000139 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.000317 JT	--	0.000197 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	13 JT	--	10 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SG	USMPDI-048SC-A	USMPDI-048SG
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-047SC-A-00-01-201030	10/30/2020	0 - 1 ft	N	7623077.197	706366.254	
				N	7623075.803	706367.727	
				N	7622990.014	706317.046	
				N	7622986.775	706318.741	
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			125	133 U	109 U	118 UT
Motor oil range hydrocarbons	NWTPHDx			260	267 U	217 U	236 UT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009	
				Sample Date	11/4/2020	10/8/2020	11/5/2020	10/9/2020
				Depth	0 - 1 ft	0 - 11.5 in	0 - 1 ft	0 - 11.3 in
				Sample Type	N	N	N	N
				Easting	7622959.48	7622960.837	7622891.711	7622883.5
				Northing	706218.176	706220.582	706190.894	706177.555
Conventional Parameters (unitless)								
Liquid limit	D4318			--	--	--	--	
Plastic limit	D4318			--	--	--	--	
Plasticity index	D4318			--	--	--	--	
Specific gravity	D854			--	--	--	--	
Conventional Parameters (mg/kg)								
Cyanide	D7511-12			--	56.4 J	--	17.3	
Conventional Parameters (pct)								
Moisture (water) content	D2216			--	--	--	--	
Total organic carbon	SM5310BM			--	3.1	--	3.1	
Total Solids	SM2540G			--	36.3	--	35.2	
Conventional Parameters (lb/ft³)								
Density (bulk)	D7263			--	--	--	--	
Density (dry)	D7263			--	--	--	--	
Grain Size (pct)								
Gravel	D6913			--	--	--	--	
Sand	D6913			--	--	--	--	
Total fines (Reported, not calculated)	D6913			--	--	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--	
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			238	112 J	67	76.7	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			46.7	18.0 J	12.0 J	11.0 J	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009
				Sample Date 11/4/2020	10/8/2020	11/5/2020	10/9/2020
				Depth 0 - 1 ft	0 - 11.5 in	0 - 1 ft	0 - 11.3 in
				Sample Type N	N	N	N
				Easting 7622959.48	7622960.837	7622891.711	7622883.5
				Northing 706218.176	706220.582	706190.894	706177.555
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			65.3	33.1 J	21.9 J	17.4 J
1-Methylphenanthrene	SW8270ESIM			173	86.4 J	53.4	52.4
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			41.8	22.0 J	12.1 J	13.8
2,6-Dimethylnaphthalene	SW8270ESIM			56.5	28.0 J	19.1 J	31.5
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			150 J	49.8 J	37.9	25.1 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			171	102 J	66.9	60.3
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			69.5	46.0 J	30.2 J	30.5 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			809	186 J	121	199
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			799	512 J	329	339
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			1020	671 J	378	399
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			794	504 J	317	307
Benzo(e)pyrene	SW8270ESIM			781	459 J	332	311
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1060	479 UJ	378	365
Benzo(j)fluoranthene	SW8270ESIM			419 J	303 J	191	181
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			415	271 J	198	190
Benzothiophene	SW8270ESIM			25.1	9.9 J	3.0 J	3.4 J
Carbazole	SW8270ESIM			155 J	38.1 J	18.2 J	34
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			1090	661 J	465	470
Decalin, cis-	SW8270ESIM			5.0 UJ	5.0 UJ	30.0 U	5.0 UJ
Decalin, trans-	SW8270ESIM			5.0 UJ	5.0 UJ	30.0 UJ	5.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			122	86.1 J	35.4 J	52.7

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			11/4/2020	10/8/2020	11/5/2020	10/9/2020
Dibenzothiophene	SW8270ESIM			0 - 1 ft	0 - 11.5 in	0 - 1 ft	0 - 11.3 in
Fluoranthene	SW8270E			N	N	N	N
Fluoranthene	SW8270ESIM			7622959.48	7622960.837	7622891.711	7622883.5
Fluorene	SW8270E			706218.176	706220.582	706190.894	706177.555
Fluorene	SW8270ESIM						
Indeno(1,2,3-c,d)pyrene	SW8270E						
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			58	22.3 J	19.7 J	16.5
Naphthalene	SW8270E		140000	181 J	68.1 J	38.6	42.8
Naphthalene	SW8270ESIM		140000	--	--	--	--
Perylene	SW8270ESIM			2360	1280 J	880	1020
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			246 J	97.8 J	64.1	65.4
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			832	474 J	249 J	260
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	298	132 J	65.2	52.4 J
PH-ROD Total HPAH (U = 1/2 max limit)				426	187 J	188	136
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		1430	639 J	424	420
C1-Benzanthracenes/Chrysenes	SW8270ESIM			2570	1380 J	933	1030
C1-Benzo(b)thiophene	SW8270ESIM			1630 JT	1080 JT	706 T	680 T
C1-Decalins	SW8270ESIM			1390 T	909 JT	505 JT	540 T
C1-Dibenz(a,h)anthracenes	SW8270ESIM			11500 JT	6380 JT	4400 JT	4600 T
C1-Dibenzothiophenes	SW8270ESIM			3200 JT	1250 JT	809 JT	850 JT
C1-Fluoranthenes/Pyrenes	SW8270ESIM			15000 JT	7630 JT	5200 JT	5500 JT
C1-Fluorenes	SW8270ESIM			647	468	350	303
C1-Naphthalenes	SW8270ESIM			22.6	10.6	11.2 J	5.5
C1-Naphthobenzothiophenes	SW8270ESIM			18.2	12.5	71.7	5.0 U
C1-Phenanthrenes/Anthracenes	SW8270ESIM			166	158	60.2	72.8
C2-Benzanthracenes/Chrysenes	SW8270ESIM			144	83.6	50.1	54.3
C2-Benzo(b)thiophene	SW8270ESIM			738	649	397	449
C2-Decalins	SW8270ESIM			171	79.7	49.5	57.8
				240	75.3	59.5	44
				94.4	95.4	83	56.7
				595	407	235	260
				352	223	119	119
				40.4	19	21.5 J	16.5
				63.7	53.5	107	32.6

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			11/4/2020	10/8/2020	11/5/2020	10/9/2020
C2-Dibenzothiophenes	SW8270ESIM			0 - 1 ft	0 - 11.5 in	0 - 1 ft	0 - 11.3 in
C2-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N	N
C2-Fluorenes	SW8270ESIM			7622959.48	7622960.837	7622891.711	7622883.5
C2-Naphthalenes	SW8270ESIM			706218.176	706220.582	706190.894	706177.555
C2-Naphthobenzothiophenes	SW8270ESIM						
C2-Phenanthrenes/Anthracenes	SW8270ESIM			71.7	59.6	17.3 J	17.8
C3-Benzanthracenes/Chrysenes	SW8270ESIM			192	108	73.2	64.9
C3-Benzo(b)thiophene	SW8270ESIM			406	324	168	201
C3-Decalins	SW8270ESIM			177	100	63.6	61.7
C3-Dibenz(a,h)anthracenes	SW8270ESIM			267	134	86.2	85
C3-Dibenzothiophenes	SW8270ESIM			102	96.8	44.3	48
C3-Fluoranthenes/Pyrenes	SW8270ESIM			545	331	212	221
C3-Fluorenes	SW8270ESIM			175	137	97.3	63.1
C3-Naphthalenes	SW8270ESIM			37.9	32.9	30.0 U	17.7
C3-Naphthobenzothiophenes	SW8270ESIM			43.9	39.3	40.2	35.3
C3-Phenanthrenes/Anthracenes	SW8270ESIM			24.1	28	30.0 U	13
C4-Benzanthracenes/Chrysenes	SW8270ESIM			131	98.1	57.2	55.1
C4-Decalins	SW8270ESIM			207	195	82.9	86.4
C4-Dibenzothiophenes	SW8270ESIM			132	106	57.3	59.6
C4-Fluoranthenes/Pyrenes	SW8270ESIM			315	169	117	102
C4-Fluorenes	SW8270ESIM			68.9	45.2	30.0 U	34.6
C4-Naphthalenes	SW8270ESIM			337	222	138	141
C4-Naphthobenzothiophenes	SW8270ESIM			58.5	57	29.3 J	27.2
C4-Phenanthrenes/Anthracenes	SW8270ESIM			77	65.2	143	29.1
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	10.7 U	--	5.62 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	10.7 U	--	6.18 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	10.7 U	--	5.62 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	10.7 U	--	7.30 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	10.7 U	--	5.62 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	10.7 UJ	--	5.62 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	10.7 UT	--	6.18 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	10.7 UJT	--	7.30 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	10.7 UT	--	7.30 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	10.7 UT	--	6.18 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	10.7 UJT	--	5.62 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	10.7 UJT	--	7.30 UT
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000186 J	--	0.000143 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000318 J	--	0.000458 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000488 J	--	0.000791 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00247 J	--	0.00245 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00110 J	--	0.00136 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0712	--	0.0748
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.699	--	0.752
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00192 J	--	0.00208 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00319 J	--	0.00544 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0257	--	0.0312
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.234	--	0.222
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.00225	--	0.00393
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00263	--	0.00309
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00161 J	--	0.00231 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.00471	--	0.0057
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00139 J	--	0.00159 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000248 J	--	0.000431 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000741 J	--	0.000822 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00998	--	0.0112
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00128 J	--	0.00129 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0288	--	0.0277
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.00899 J	--	0.0128
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0111	--	0.0138
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0205	--	0.0252
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.031	--	0.0339

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.00575 JT	--	0.00848 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00280 JT	--	0.00367 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00345 JT	--	0.00420 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.828 JT	--	0.890 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	0.00671	--	0.00270 J
PCB-002	E1668A			--	0.0125	--	0.00837
PCB-003	E1668A			--	0.00796	--	0.00450 J
PCB-004/010	E1668A			--	0.0231	--	0.0138
PCB-005/008	E1668A			--	0.0491	--	0.0262
PCB-006	E1668A			--	0.0112	--	0.00639
PCB-007/009	E1668A			--	0.00552 J	--	0.00264 J
PCB-011	E1668A			--	0.073	--	0.0649
PCB-012/013	E1668A			--	0.0101	--	0.00566 J
PCB-014	E1668A			--	0.000476 U	--	0.000611 U
PCB-015	E1668A			--	0.0535	--	0.0357
PCB-016/032	E1668A			--	0.0607	--	0.0404
PCB-017	E1668A			--	0.047	--	0.0317
PCB-018	E1668A			--	0.0896	--	0.0608
PCB-019	E1668A			--	0.0242	--	0.0158
PCB-020/021/033	E1668A			--	0.092	--	0.0668
PCB-022	E1668A			--	0.0552	--	0.0465

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			--	0.000526 U	--	0.000584 U
PCB-024/027	E1668A			--	0.00945 J	--	0.00642 J
PCB-025	E1668A			--	0.021	--	0.013
PCB-026	E1668A			--	0.0359	--	0.0277
PCB-028	E1668A			--	0.193	--	0.152
PCB-029	E1668A			--	0.000521 U	--	0.000577 U
PCB-030	E1668A			--	0.000396 U	--	0.000396 U
PCB-031	E1668A			--	0.167	--	0.145
PCB-034	E1668A			--	0.00222 J	--	0.000545 U
PCB-035	E1668A			--	0.000574 U	--	0.00339 J
PCB-036	E1668A			--	0.000556 U	--	0.000485 U
PCB-037	E1668A			--	0.0679	--	0.061
PCB-038	E1668A			--	0.000569 U	--	0.000496 U
PCB-039	E1668A			--	0.000606 U	--	0.000528 U
PCB-040	E1668A			--	0.0469	--	0.037
PCB-041/064/071/072	E1668A			--	0.17	--	0.167
PCB-042/059	E1668A			--	0.0726	--	0.0652
PCB-043/049	E1668A			--	0.234	--	0.187
PCB-044	E1668A			--	0.225	--	0.187
PCB-045	E1668A			--	0.0313	--	0.0238
PCB-046	E1668A			--	0.0145	--	0.0112
PCB-047	E1668A			--	0.13	--	0.0912
PCB-048/075	E1668A			--	0.0414	--	0.043
PCB-050	E1668A			--	0.00132 J	--	0.00108 J
PCB-051	E1668A			--	0.0256	--	0.0146
PCB-052/069	E1668A			--	0.309	--	0.226
PCB-053	E1668A			--	0.0429	--	0.0318
PCB-054	E1668A			--	0.00512	--	0.00304 J
PCB-055	E1668A			--	0.00415 J	--	0.00344 J
PCB-056/060	E1668A			--	0.177	--	0.158
PCB-057	E1668A			--	0.00170 J	--	0.00151 J
PCB-058	E1668A			--	0.00135 J	--	0.00130 J
PCB-061/070	E1668A			--	0.362	--	0.299

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			--	0.000452 U	--	0.000354 U
PCB-063	E1668A			--	0.0128	--	0.0116
PCB-065	E1668A			--	0.000397 U	--	0.000311 U
PCB-066/076	E1668A			--	0.296	--	0.247
PCB-067	E1668A			--	0.00851	--	0.00711 J
PCB-068	E1668A			--	0.00198 J	--	0.00187 J
PCB-073	E1668A			--	0.00104 J	--	0.000275 U
PCB-074	E1668A			--	0.134	--	0.118
PCB-077	E1668A			--	0.0358	--	0.0326
PCB-078	E1668A			--	0.000337 U	--	0.000274 U
PCB-079	E1668A			--	0.00726	--	0.00434 J
PCB-080	E1668A			--	0.000320 U	--	0.000255 U
PCB-081	E1668A			--	0.00168 J	--	0.000943 J
PCB-082	E1668A			--	0.0557	--	0.0325
PCB-083	E1668A			--	0.000441 U	--	0.000263 U
PCB-084/092	E1668A			--	0.232	--	0.134
PCB-085/116	E1668A			--	0.0766	--	0.0468
PCB-086	E1668A			--	0.00142 J	--	0.000430 U
PCB-087/117/125	E1668A			--	0.161	--	0.0928
PCB-088/091	E1668A			--	0.0801	--	0.0507
PCB-089	E1668A			--	0.00457 J	--	0.00342 J
PCB-090/101	E1668A			--	0.588	--	0.341
PCB-093	E1668A			--	0.0101	--	0.00583
PCB-094	E1668A			--	0.00458 J	--	0.00338 J
PCB-095/098/102	E1668A			--	0.342	--	0.206
PCB-096	E1668A			--	0.000630 U	--	0.00259 J
PCB-097	E1668A			--	0.133	--	0.0854
PCB-099	E1668A			--	0.234	--	0.139
PCB-100	E1668A			--	0.000762 U	--	0.00613
PCB-103	E1668A			--	0.000776 U	--	0.00603
PCB-104	E1668A			--	0.00136 J	--	0.000335 U
PCB-105	E1668A			--	0.187	--	0.104
PCB-106/118	E1668A			--	0.463	--	0.273

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			--	0.037	--	0.0229
PCB-108/112	E1668A			--	0.0188 J	--	0.0143
PCB-110	E1668A			--	0.531	--	0.313
PCB-111/115	E1668A			--	0.00732 J	--	0.00395 J
PCB-113	E1668A			--	0.00314 J	--	0.00138 J
PCB-114	E1668A			--	0.0102	--	0.00626
PCB-119	E1668A			--	0.0167	--	0.00956
PCB-120	E1668A			--	0.00284 J	--	0.000240 U
PCB-121	E1668A			--	0.000736 J	--	0.000259 J
PCB-122	E1668A			--	0.00645	--	0.00331 J
PCB-123	E1668A			--	0.00914	--	0.00499
PCB-124	E1668A			--	0.0164	--	0.0105
PCB-126	E1668A			--	0.00375 J	--	0.00192 J
PCB-127	E1668A			--	0.000464 U	--	0.000419 U
PCB-128/162	E1668A			--	0.0997	--	0.0534
PCB-129	E1668A			--	0.0232	--	0.0137
PCB-130	E1668A			--	0.0388	--	0.0228
PCB-131/133	E1668A			--	0.0246	--	0.0112
PCB-132/161	E1668A			--	0.176	--	0.0945
PCB-134/143	E1668A			--	0.0368	--	0.0187
PCB-135	E1668A			--	0.0816	--	0.044
PCB-136	E1668A			--	0.0987	--	0.0506
PCB-137	E1668A			--	0.0194	--	0.0113
PCB-138/163/164	E1668A			--	0.728	--	0.374
PCB-139/149	E1668A			--	0.517	--	0.286
PCB-140	E1668A			--	0.00595	--	0.00342 J
PCB-141	E1668A			--	0.137	--	0.0711
PCB-142	E1668A			--	0.000799 U	--	0.000541 U
PCB-144	E1668A			--	0.0312	--	0.0162 J
PCB-145	E1668A			--	0.000226 U	--	0.000182 U
PCB-146/165	E1668A			--	0.133	--	0.0665
PCB-147	E1668A			--	0.0133	--	0.00665 J
PCB-148	E1668A			--	0.00222 J	--	0.00138 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			--	0.00249 J	--	0.000200 U
PCB-151	E1668A			--	0.184	--	0.0923
PCB-152	E1668A			--	0.000611 J	--	0.000183 U
PCB-153	E1668A			--	0.737	--	0.37
PCB-154	E1668A			--	0.0213	--	0.00966
PCB-155	E1668A			--	0.000258 U	--	0.000208 U
PCB-156	E1668A			--	0.0652	--	0.0323
PCB-157	E1668A			--	0.0142	--	0.00779
PCB-158/160	E1668A			--	0.0675	--	0.038
PCB-159	E1668A			--	0.0109	--	0.00523
PCB-166	E1668A			--	0.00176 J	--	0.000827 J
PCB-167	E1668A			--	0.0261	--	0.0132
PCB-168	E1668A			--	0.00183 J	--	0.000379 U
PCB-169	E1668A			--	0.000608 U	--	0.000396 U
PCB-170	E1668A			--	0.215	--	0.113
PCB-171	E1668A			--	0.0615	--	0.0314
PCB-172	E1668A			--	0.0368	--	0.0197
PCB-173	E1668A			--	0.00471 J	--	0.00184 J
PCB-174	E1668A			--	0.226	--	0.119
PCB-175	E1668A			--	0.00755	--	0.00487 J
PCB-176	E1668A			--	0.0286	--	0.0149
PCB-177	E1668A			--	0.147	--	0.0734
PCB-178	E1668A			--	0.0541	--	0.026
PCB-179	E1668A			--	0.104	--	0.0526
PCB-180	E1668A			--	0.515	--	0.274
PCB-181	E1668A			--	0.00459 J	--	0.00193 J
PCB-182/187	E1668A			--	0.301	--	0.154
PCB-183	E1668A			--	0.128	--	0.0639
PCB-184	E1668A			--	0.00127 J	--	0.000351 J
PCB-185	E1668A			--	0.0257	--	0.0133
PCB-186	E1668A			--	0.000329 U	--	0.000234 U
PCB-188	E1668A			--	0.000772 J	--	0.000241 U
PCB-189	E1668A			--	0.00738	--	0.00495

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-00-01-201104	USMPDI-049SG-201008	USMPDI-050SC-A-00-01-201105	USMPDI-050SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			--	0.0442	--	0.0238
PCB-191	E1668A			--	0.00773	--	0.00431 J
PCB-192	E1668A			--	0.000355 U	--	0.000263 U
PCB-193	E1668A			--	0.0286	--	0.0158
PCB-194	E1668A			--	0.114	--	0.0605
PCB-195	E1668A			--	0.0438	--	0.025
PCB-196/203	E1668A			--	0.141	--	0.0799
PCB-197	E1668A			--	0.00439 J	--	0.00277 J
PCB-198	E1668A			--	0.00230 J	--	0.00310 J
PCB-199	E1668A			--	0.138	--	0.0702
PCB-200	E1668A			--	0.0169	--	0.00821 J
PCB-201	E1668A			--	0.0186	--	0.00825 J
PCB-202	E1668A			--	0.0292	--	0.0141
PCB-204	E1668A			--	0.000472 U	--	0.000231 U
PCB-205	E1668A			--	0.00485 J	--	0.00267 J
PCB-206	E1668A			--	0.0973	--	0.0453
PCB-207	E1668A			--	0.013	--	0.00591
PCB-208	E1668A			--	0.0311	--	0.0142
PCB-209	E1668A			--	0.2	--	0.0651
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	0.0272 T	--	0.0156 JT
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	0.226 JT	--	0.156 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	0.867 JT	--	0.672 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	2.4 JT	--	1.98 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	3.24 JT	--	1.93 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	3.30 JT	--	1.7 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	1.95 JT	--	1.01 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	0.513 JT	--	0.275 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	0.141 T	--	0.0654 T
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	0.20 T	--	0.0651 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.00237 JT	--	0.00193 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0000271 JT	--	0.0000156 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.000412 JT	--	0.000215 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	13 JT	--	7.9 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SG	USMPDI-050SC-A	USMPDI-050SG
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-049SC-A-00-01-201104	11/4/2020	0 - 1 ft	N	7622959.48	706218.176	
	USMPDI-049SG-201008	10/8/2020	0 - 11.5 in	N	7622960.837	706220.582	
	USMPDI-050SC-A-00-01-201105	11/5/2020	0 - 1 ft	N	7622891.711	706190.894	
	USMPDI-050SG-201009	10/9/2020	0 - 11.3 in	N	7622883.5	706177.555	
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			114 U	137 U	120 U	144 U
Motor oil range hydrocarbons	NWTPHDx			280	275 U	354	288 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009	
				Sample Date	10/9/2020	10/8/2020	10/8/2020	10/9/2020
				Depth	0 - 11.5 in	0 - 10.7 in	0 - 9.8 in	0 - 10 in
				Sample Type	N	N	N	N
				Easting	7622979.42	7623020.615	7623083.692	7623185.223
				Northing	706081.454	706134.807	706166.477	706260.708
Conventional Parameters (unitless)								
Liquid limit	D4318			--	--	--	--	
Plastic limit	D4318			--	--	--	--	
Plasticity index	D4318			--	--	--	--	
Specific gravity	D854			--	--	--	--	
Conventional Parameters (mg/kg)								
Cyanide	D7511-12			28.7	114 J	432 J	303	
Conventional Parameters (pct)								
Moisture (water) content	D2216			--	--	--	--	
Total organic carbon	SM5310BM			3.2	3.2	4.3	3	
Total Solids	SM2540G			36.3	37.6	47.3	38.8	
Conventional Parameters (lb/ft³)								
Density (bulk)	D7263			--	--	--	--	
Density (dry)	D7263			--	--	--	--	
Grain Size (pct)								
Gravel	D6913			--	--	--	--	
Sand	D6913			--	--	--	--	
Total fines (Reported, not calculated)	D6913			--	--	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--	
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			151	355 J	5820 J	--	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			12.7 J	47.1 J	1350 J	--	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				Sample Date 10/9/2020	10/8/2020	10/8/2020	10/9/2020
				Depth 0 - 11.5 in	0 - 10.7 in	0 - 9.8 in	0 - 10 in
				Sample Type N	N	N	N
				Easting 7622979.42	7623020.615	7623083.692	7623185.223
				Northing 706081.454	706134.807	706166.477	706260.708
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			19.4 J	88.0 J	1270 J	--
1-Methylphenanthrene	SW8270ESIM			83.9	256 J	5340 J	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			16.2	61.0 J	835 J	--
2,6-Dimethylnaphthalene	SW8270ESIM			31.5	63.2 J	2620 J	--
2-Methylnaphthalene	SW8270E			--	--	--	402
2-Methylnaphthalene	SW8270ESIM			30.7 J	137 J	4720 J	--
Acenaphthene	SW8270E			--	--	--	747
Acenaphthene	SW8270ESIM			84.3	323 J	5800 J	--
Acenaphthylene	SW8270E			--	--	--	628
Acenaphthylene	SW8270ESIM			59.6 J	137 J	1570 J	--
Anthracene	SW8270E			--	--	--	1460 J
Anthracene	SW8270ESIM			206	598 J	104000 J	--
Benzo(a)anthracene	SW8270E			--	--	--	4010 J
Benzo(a)anthracene	SW8270ESIM			638	1640 J	27900 J	--
Benzo(a)pyrene	SW8270E			--	--	--	5840 J
Benzo(a)pyrene	SW8270ESIM			762	2110 J	35300 J	--
Benzo(b)fluoranthene	SW8270E			--	--	--	4530 J
Benzo(b)fluoranthene	SW8270ESIM			637	1550 J	24500 J	--
Benzo(e)pyrene	SW8270ESIM			614	1410 J	23300 J	--
Benzo(g,h,i)perylene	SW8270E			--	--	--	3990 J
Benzo(g,h,i)perylene	SW8270ESIM			745	1370 J	24700 J	--
Benzo(j)fluoranthene	SW8270ESIM			382	916 J	14900 J	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--	1630 J
Benzo(k)fluoranthene	SW8270ESIM			351	860 J	14100 J	--
Benzothiophene	SW8270ESIM			4.8 J	22.6 J	277 J	--
Carbazole	SW8270ESIM			37.3	153 J	24900 J	--
Chrysene	SW8270E			--	--	--	4970 J
Chrysene	SW8270ESIM			948	2030 J	35200 J	--
Decalin, cis-	SW8270ESIM			5.0 UJ	5.0 UJ	249 UJ	--
Decalin, trans-	SW8270ESIM			5.0 UJ	5.0 UJ	249 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--	526
Dibenzo(a,h)anthracene	SW8270ESIM			106	251 J	4190 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			24.4	64.9 J	1350 J	--
Dibenzothiophene	SW8270ESIM			56.4	197 J	4390 J	--
Fluoranthene	SW8270E			--	--	--	6910 J
Fluoranthene	SW8270ESIM			1820	4150 J	67200 J	--
Fluorene	SW8270E			--	--	--	597
Fluorene	SW8270ESIM			79.6	298 J	13700 J	--
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	3200 J
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			493	1370 J	23100 J	--
Naphthalene	SW8270E		140000	--	--	--	994
Naphthalene	SW8270ESIM		140000	80.6 J	375 J	4370 J	--
Perylene	SW8270ESIM			206	530 J	8890 J	--
Phenanthrene	SW8270E			--	--	--	4510 J
Phenanthrene	SW8270ESIM			637	2090 J	50300 J	--
Pyrene	SW8270E			--	--	--	8730 J
Pyrene	SW8270ESIM			1770	4390 J	72000 J	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1370 T	3300 JT	53500 JT	6160 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1050 T	2800 JT	47200 JT	7600 JT
PH-ROD Total HPAH (U = 1/2 max limit)				8650 T	21000 JT	340000 JT	44000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1180 JT	3960 JT	180000 JT	9340 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		9830 JT	25000 JT	530000 JT	54000 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			518	1140	25800	--
C1-Benzo(b)thiophene	SW8270ESIM			6.5	22.7	357	--
C1-Decalins	SW8270ESIM			5.0 U	23.5	541	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			135	499	8970	--
C1-Dibenzothiophenes	SW8270ESIM			79.5	269	5150	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			727	1990	36800	--
C1-Fluorenes	SW8270ESIM			79.5	243	6290	--
C1-Naphthalenes	SW8270ESIM			52.4	207	5250	--
C1-Naphthobenzothiophenes	SW8270ESIM			111	314	4430	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			406	1180	26600	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			236	645	14100	--
C2-Benzo(b)thiophene	SW8270ESIM			13.7	56.6	710	--
C2-Decalins	SW8270ESIM			48.8	102	838	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			62.8	187	3440	--
C2-Dibenzothiophenes	SW8270ESIM			107	300	4900	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			414	982	20400	--
C2-Fluorenes	SW8270ESIM			97	282	4510	--
C2-Naphthalenes	SW8270ESIM			93.4	381	9280	--
C2-Naphthobenzothiophenes	SW8270ESIM			95.9	235	4740	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			367	945	17400	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			116	327	7730	--
C3-Benzo(b)thiophene	SW8270ESIM			25.2	93.2	1140	--
C3-Decalins	SW8270ESIM			27.8	71.1	538	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			20.6	55.7	1620	--
C3-Dibenzothiophenes	SW8270ESIM			98.5	239	4510	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			293	664	11400	--
C3-Fluorenes	SW8270ESIM			96.7	285	4610	--
C3-Naphthalenes	SW8270ESIM			152	507	10600	--
C3-Naphthobenzothiophenes	SW8270ESIM			63.9	156	3270	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			252	549	12200	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			47.1	142	4020	--
C4-Decalins	SW8270ESIM			29.6	103	867	--
C4-Dibenzothiophenes	SW8270ESIM			52	118	2090	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			178	495	8550	--
C4-Naphthalenes	SW8270ESIM			93.2	365	4880	--
C4-Naphthobenzothiophenes	SW8270ESIM			12.8	33.7	521	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			108	240	5860	--
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			5.34 U	10.4 U	41.1 U	10.2 U
2,4'-DDE (o,p'-DDE)	SW8081B			6.14 U	22.9 U	76.0 U	11.2 U
2,4'-DDT (o,p'-DDT)	SW8081B			5.34 U	10.4 U	41.1 U	10.2 U
4,4'-DDD (p,p'-DDD)	SW8081B			7.47 U	23.9 U	119 U	16.4 J
4,4'-DDE (p,p'-DDE)	SW8081B			5.34 U	10.4 U	41.1 U	10.2 U
4,4'-DDT (p,p'-DDT)	SW8081B			5.34 U	10.9 UJ	55.5 U	10.2 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				6.14 UT	22.9 UT	76.0 UT	11.2 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				7.47 UT	23.9 UJT	119 UT	26.6 JT
PH-ROD Sum DDD (U = 1/2 max limit)				7.47 UT	23.9 UT	119 UT	21.5 JT
PH-ROD Sum DDE (U = 1/2 max limit)				6.14 UT	22.9 UT	76.0 UT	11.2 UT
PH-ROD Sum DDT (U = 1/2 max limit)				5.34 UT	10.9 UJT	55.5 UT	10.2 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	7.47 UT	23.9 UJT	119 UT	42.4 JT
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000375 J	0.000543	0.00135	0.000175 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00117 J	0.00107 J	0.0071	0.000409 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00206 J	0.00158 J	0.014	0.000489 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0131	0.00819	0.114	0.0027
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00443	0.00345	0.0327	0.00116 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.46	0.297	5.76	0.0858
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			4.01	2.68	53.3	0.865
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00560 J	0.00635 J	0.0229	0.00318 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0114 J	0.0104 J	0.0758	0.00427 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.175	0.13	1.91	0.0296
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			1.58	1.31	31.3	0.245
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0138	0.0146	0.0294	0.0071
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.011	0.0235	0.0273	0.00625
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.011	0.0125	0.0228	0.00377
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0186	0.0497	0.0401	0.00803
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00524	0.0109	0.0118	0.00226 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00118 J	0.00263	0.00454	0.000660 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.004	0.0038	0.0103	0.00102 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0571	0.0418	0.138	0.011
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00518	0.00738	0.0103	0.00165 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.118	0.088	0.245	0.0282
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0465 J	0.0513 J	0.133	0.0248 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0635	0.0759	0.159	0.0233
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.169	0.129	0.373	0.0279
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.218	0.121	0.495	0.0341

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				Sample Date 10/9/2020	Sample Date 10/8/2020	Sample Date 10/8/2020	Sample Date 10/9/2020
				Depth 0 - 11.5 in	Depth 0 - 10.7 in	Depth 0 - 9.8 in	Depth 0 - 10 in
				Sample Type N	Sample Type N	Sample Type N	Sample Type N
				Easting 7622979.42	Easting 7623020.615	Easting 7623083.692	Easting 7623185.223
				Northing 706081.454	Northing 706134.807	Northing 706166.477	Northing 706260.708
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.033 JT	0.0393 JT	0.0878 T	0.0137 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.014 JT	0.0184 JT	0.0504 T	0.00492 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.018 JT	0.0198 JT	0.117 T	0.00550 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				4.7 JT	3.25 JT	59.8 T	1.03 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.00174 J	0.0106	0.201	0.00895
PCB-002	E1668A			0.00333 J	0.0128	0.174	0.00993
PCB-003	E1668A			0.00226 J	0.0129	0.224	0.00979
PCB-004/010	E1668A			0.00531 J	0.0246	0.106 J	0.021
PCB-005/008	E1668A			0.0108	0.0593	0.375	0.0415
PCB-006	E1668A			0.000483 U	0.0125	0.0821 J	0.00985
PCB-007/009	E1668A			0.000515 U	0.00666 J	0.0353 J	0.00447 J
PCB-011	E1668A			0.0101	0.065	0.297	0.0463
PCB-012/013	E1668A			0.000479 U	0.0109	0.0707 J	0.000540 U
PCB-014	E1668A			0.000483 U	0.000620 U	0.00668 U	0.000545 U
PCB-015	E1668A			0.00887	0.0674	0.32	0.0439
PCB-016/032	E1668A			0.00931 J	0.0865	0.371	0.0545
PCB-017	E1668A			0.00568	0.0644	0.284	0.0408
PCB-018	E1668A			0.0106	0.135	0.521	0.0591
PCB-019	E1668A			0.00342 J	0.0242	0.0765 J	0.0201
PCB-020/021/033	E1668A			0.0108 J	0.126	0.567	0.0807
PCB-022	E1668A			0.00649	0.0776	0.334	0.0485

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			0.000465 U	0.000560 U	0.00122 J	0.000479 U
PCB-024/027	E1668A			0.00140 J	0.0121	0.0447 J	0.00745 J
PCB-025	E1668A			0.00222 J	0.0232	0.104	0.0182
PCB-026	E1668A			0.00386 J	0.0485	0.176	0.0324
PCB-028	E1668A			0.0186	0.257	1	0.176
PCB-029	E1668A			0.000460 U	0.000553 U	0.00588	0.000474 U
PCB-030	E1668A			0.000337 U	0.000452 U	0.00473 U	0.000435 U
PCB-031	E1668A			0.0142	0.228	1.04	0.131
PCB-034	E1668A			0.000434 U	0.00254 J	0.0115	0.00171 J
PCB-035	E1668A			0.000411 U	0.000655 U	0.000972 U	0.00340 J
PCB-036	E1668A			0.000399 U	0.000635 U	0.000942 U	0.000427 U
PCB-037	E1668A			0.00719	0.083	0.326	0.0548
PCB-038	E1668A			0.000408 U	0.000650 U	0.000964 U	0.00289 J
PCB-039	E1668A			0.000434 U	0.000692 U	0.00103 U	0.00134 J
PCB-040	E1668A			0.00437 J	0.0681	0.141	0.0488
PCB-041/064/071/072	E1668A			0.0186 J	0.246	0.742	0.204
PCB-042/059	E1668A			0.00722 J	0.102	0.382	0.0737
PCB-043/049	E1668A			0.0177	0.334	1.24	0.27
PCB-044	E1668A			0.021	0.355	1.23	0.282
PCB-045	E1668A			0.00296 J	0.0512	0.201	0.0306
PCB-046	E1668A			0.00149 J	0.0218	0.0841	0.0151
PCB-047	E1668A			0.00932	0.151	0.537	0.118
PCB-048/075	E1668A			0.00390 J	0.064	0.224	0.0427
PCB-050	E1668A			0.000278 U	0.00159 J	0.00470 J	0.00122 J
PCB-051	E1668A			0.00204 J	0.0249	0.0752	0.0216
PCB-052/069	E1668A			0.0247	0.468	1.7	0.449
PCB-053	E1668A			0.00418 J	0.0579	0.211	0.0434
PCB-054	E1668A			0.000560 J	0.00420 J	0.0104	0.00442 J
PCB-055	E1668A			0.000432 J	0.000377 U	0.0213	0.00460 J
PCB-056/060	E1668A			0.0147	0.274	1.02	0.182
PCB-057	E1668A			0.000385 J	0.00217 J	0.00941	0.00160 J
PCB-058	E1668A			0.000170 U	0.00183 J	0.00523	0.00169 J
PCB-061/070	E1668A			0.0248	0.546	2.06	0.44

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000234 U	0.000534 U	0.000580 U	0.000405 U
PCB-063	E1668A			0.000898 J	0.0172	0.0662	0.0123
PCB-065	E1668A			0.000206 U	0.000470 U	0.000510 U	0.000356 U
PCB-066/076	E1668A			0.02	0.4	1.46	0.299
PCB-067	E1668A			0.000661 J	0.0118	0.0468	0.00741
PCB-068	E1668A			0.000482 J	0.00233 J	0.00911	0.00208 J
PCB-073	E1668A			0.000187 U	0.00144 J	0.000481 U	0.00173 J
PCB-074	E1668A			0.00924	0.199	0.602	0.125
PCB-077	E1668A			0.00214 J	0.0414	0.16	0.0343
PCB-078	E1668A			0.000181 U	0.000426 U	0.000392 U	0.00129 J
PCB-079	E1668A			0.000827 J	0.00844	0.024	0.00803
PCB-080	E1668A			0.000162 U	0.000372 U	0.000350 U	0.000285 U
PCB-081	E1668A			0.000172 J	0.00183 J	0.00924	0.00455 J
PCB-082	E1668A			0.00575	0.0839	0.26	0.0768
PCB-083	E1668A			0.000309 U	0.000361 U	0.000361 U	0.000343 U
PCB-084/092	E1668A			0.0238	0.315	1.09	0.322
PCB-085/116	E1668A			0.00842 J	0.109	0.302	0.0986
PCB-086	E1668A			0.000506 U	0.00397 J	0.0120 J	0.000563 U
PCB-087/117/125	E1668A			0.0184	0.232	0.733	0.24
PCB-088/091	E1668A			0.00760 J	0.106	0.33	0.0998
PCB-089	E1668A			0.000590 J	0.00734 J	0.0234	0.00612
PCB-090/101	E1668A			0.056	0.79	2.8	0.8
PCB-093	E1668A			0.00146 J	0.00536	0.0542	0.000572 U
PCB-094	E1668A			0.000540 U	0.00503	0.0119	0.00438 J
PCB-095/098/102	E1668A			0.0379	0.517	1.75	0.517
PCB-096	E1668A			0.000356 U	0.00340 J	0.0116	0.00378 J
PCB-097	E1668A			0.0136	0.184	0.61	0.197
PCB-099	E1668A			0.0203	0.294	0.974	0.292
PCB-100	E1668A			0.000431 U	0.00946	0.0282	0.00838 J
PCB-103	E1668A			0.00110 J	0.0126	0.0569	0.0117 J
PCB-104	E1668A			0.000366 U	0.000503 J	0.00146 J	0.000447 U
PCB-105	E1668A			0.0164	0.261	0.732	0.238
PCB-106/118	E1668A			0.0404	0.62	1.73	0.577

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.00339 J	0.0465	0.127	0.0441
PCB-108/112	E1668A			0.00227 J	0.0291	0.0923	0.0299
PCB-110	E1668A			0.0596	0.715	2.27	0.71
PCB-111/115	E1668A			0.000488 J	0.0113	0.0331	0.00838 J
PCB-113	E1668A			0.000335 U	0.00283 J	0.013	0.000366 U
PCB-114	E1668A			0.000777 J	0.015	0.0411	0.0122
PCB-119	E1668A			0.00105 J	0.0194	0.0676	0.0212
PCB-120	E1668A			0.000282 U	0.00319 J	0.000330 U	0.000314 U
PCB-121	E1668A			0.000300 U	0.000296 J	0.00158 J	0.000313 U
PCB-122	E1668A			0.000615 J	0.00701	0.0224	0.00668
PCB-123	E1668A			0.000654 J	0.0102	0.0248	0.00892 J
PCB-124	E1668A			0.00181 J	0.0237	0.0675	0.0229
PCB-126	E1668A			0.000472 J	0.00352 J	0.00895	0.00353 J
PCB-127	E1668A			0.000283 U	0.000475 U	0.000504 U	0.000476 U
PCB-128/162	E1668A			0.0145	0.124	0.302	0.108
PCB-129	E1668A			0.00409 J	0.0328	0.085	0.0288
PCB-130	E1668A			0.00594	0.0542	0.125	0.0497
PCB-131/133	E1668A			0.00265 J	0.0237 J	0.0814	0.0265
PCB-132/161	E1668A			0.0212	0.215	0.719	0.213
PCB-134/143	E1668A			0.00467 J	0.0461	0.139	0.0423
PCB-135	E1668A			0.00919	0.107	0.35	0.0984
PCB-136	E1668A			0.00899	0.128	0.427	0.115
PCB-137	E1668A			0.00377 J	0.0255	0.0676	0.0243
PCB-138/163/164	E1668A			0.0741	0.891	2.5	0.794
PCB-139/149	E1668A			0.0506	0.63	2.07	0.58
PCB-140	E1668A			0.000431 U	0.00621 J	0.0194	0.00673
PCB-141	E1668A			0.0145	0.179	0.573	0.151
PCB-142	E1668A			0.000338 U	0.000735 J	0.00174 J	0.000991 J
PCB-144	E1668A			0.00221 J	0.0427 J	0.133	0.0378
PCB-145	E1668A			0.000288 U	0.000251 U	0.000213 J	0.000194 U
PCB-146/165	E1668A			0.0108	0.148	0.465	0.134
PCB-147	E1668A			0.00158 J	0.0134 J	0.0331	0.0176
PCB-148	E1668A			0.000406 U	0.00259 J	0.0103	0.00319 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.000315 U	0.00275 J	0.0087	0.00214 J
PCB-151	E1668A			0.0139 J	0.222	0.784	0.202
PCB-152	E1668A			0.000288 U	0.000252 U	0.00195 J	0.00146 J
PCB-153	E1668A			0.0631	0.858	2.6	0.757
PCB-154	E1668A			0.000838 J	0.0161	0.0572	0.018
PCB-155	E1668A			0.000327 U	0.000286 U	0.000537 J	0.000357 J
PCB-156	E1668A			0.00618	0.0792	0.196	0.0689
PCB-157	E1668A			0.00211 J	0.0161	0.0359	0.0143
PCB-158/160	E1668A			0.00927 J	0.0925	0.24	0.076
PCB-159	E1668A			0.000216 U	0.000401 U	0.000501 U	0.000431 U
PCB-166	E1668A			0.000230 U	0.00262 J	0.00546	0.00219 J
PCB-167	E1668A			0.00257 J	0.0313	0.0759	0.0274
PCB-168	E1668A			0.000237 U	0.000475 U	0.00375 J	0.00102 J
PCB-169	E1668A			0.000229 U	0.000513 U	0.000613 U	0.000484 U
PCB-170	E1668A			0.0172	0.27	0.646	0.217
PCB-171	E1668A			0.00379 J	0.0731	0.201	0.0617
PCB-172	E1668A			0.00324 J	0.0423	0.113	0.0361
PCB-173	E1668A			0.000497 J	0.00631	0.015	0.00499 J
PCB-174	E1668A			0.0187	0.267	0.755	0.237
PCB-175	E1668A			0.000769 J	0.00985	0.0231	0.01
PCB-176	E1668A			0.00231 J	0.0325	0.0966	0.0311
PCB-177	E1668A			0.01	0.16	0.444	0.143
PCB-178	E1668A			0.00379 J	0.0579	0.163	0.0508
PCB-179	E1668A			0.00684 J	0.115	0.353	0.11
PCB-180	E1668A			0.0396	0.617	1.62	0.53
PCB-181	E1668A			0.000334 J	0.00452 J	0.0104	0.000389 U
PCB-182/187	E1668A			0.0189	0.33	0.958	0.29
PCB-183	E1668A			0.00806 J	0.152	0.418	0.132
PCB-184	E1668A			0.000267 U	0.000803 J	0.000813 J	0.000489 J
PCB-185	E1668A			0.00210 J	0.0313	0.0914	0.0269
PCB-186	E1668A			0.000247 U	0.000335 U	0.000594 U	0.000311 U
PCB-188	E1668A			0.000255 U	0.000345 U	0.00184 J	0.000615 J
PCB-189	E1668A			0.000252 U	0.00938	0.0208	0.00782

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.00376 J	0.0536	0.126	0.0466
PCB-191	E1668A			0.000349 J	0.0107	0.0268	0.00845
PCB-192	E1668A			0.000257 U	0.000385 U	0.000620 U	0.000314 U
PCB-193	E1668A			0.00198 J	0.0313	0.0801	0.0249 J
PCB-194	E1668A			0.00959	0.122	0.273	0.117
PCB-195	E1668A			0.00316 J	0.0392	0.12	0.0486
PCB-196/203	E1668A			0.0108	0.154	0.362	0.145
PCB-197	E1668A			0.000383 U	0.00582	0.0125	0.00524 J
PCB-198	E1668A			0.000546 U	0.00804	0.0144	0.00289 J
PCB-199	E1668A			0.0103	0.14	0.346	0.133
PCB-200	E1668A			0.000763 J	0.0184	0.0421	0.018
PCB-201	E1668A			0.00103 J	0.0216	0.0471	0.019
PCB-202	E1668A			0.00221 J	0.0278	0.0693	0.0251
PCB-204	E1668A			0.000380 U	0.000696 U	0.000472 J	0.000303 U
PCB-205	E1668A			0.000564 J	0.00519	0.0104	0.00442 J
PCB-206	E1668A			0.00608	0.0774	0.197	0.0664
PCB-207	E1668A			0.00105 J	0.0113	0.0205	0.0092
PCB-208	E1668A			0.00181 J	0.0243	0.0514	0.0201
PCB-209	E1668A			0.00499	0.103	0.288	0.0835
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.00733 JT	0.0363 T	0.599 T	0.0287 T
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.0361 JT	0.247 JT	1.3 JT	0.168 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.0954 JT	1.17 JT	4.9 JT	0.734 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				0.193 JT	3.5 JT	12 JT	2.7 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				0.325 JT	4.4 JT	14 JT	4.4 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				0.328 JT	4.0 JT	12 JT	3.6 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				0.143 JT	2.3 JT	6.16 JT	2.0 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.0391 JT	0.54 T	1.3 JT	0.518 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.00894 JT	0.113 T	0.269 T	0.0957 T
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.00499 T	0.103 T	0.288 T	0.0835 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.000174 JT	0.0026 JT	0.0099 T	0.00256 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.00000301 JT	0.000028 JT	0.000080 T	0.0000281 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0000530 JT	0.00040 JT	0.0010 T	0.000394 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	1.18 JT	16 JT	53 JT	14 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-051SG	USMPDI-052SG	USMPDI-053SG	USMPDI-054SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SG-201009	USMPDI-052SG-201008	USMPDI-053SG-201008	USMPDI-054SG-201009
				10/9/2020	10/8/2020	10/8/2020	10/9/2020
				0 - 11.5 in	0 - 10.7 in	0 - 9.8 in	0 - 10 in
				N	N	N	N
				7622979.42	7623020.615	7623083.692	7623185.223
				706081.454	706134.807	706166.477	706260.708
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			138 U	132 U	1200	--
Motor oil range hydrocarbons	NWTPHDx			277 U	264 U	1990	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
				Sample ID	Sample Date	Depth	Sample Type
				11/7/2020	11/9/2020	5/2/2021	4/12/2021
				0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 9.5 in
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622447.706	7622550.097	7621972.761	7621968.839
				Northing	Northing	Northing	Northing
				706905.494	706690.481	707146.5597	707148.8995
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			--	--	--	4.01
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			--	--	--	1.3
Total Solids	SM2540G			--	--	62.41	62.2
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			73.2	109	1560	593
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			14.9	18.1	218	178

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Sample ID	Sample Date	Depth	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
	Sample Type	Easting	Northing	11/7/2020	11/9/2020	5/2/2021	4/12/2021
				0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 9.5 in
				N	N	N	N
				7622447.706	7622550.097	7621972.761	7621968.839
				706905.494	706690.481	707146.5597	707148.8995
	Analytical Method	Site-Wide RAL	PTW Threshold				
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			22.5	23.9	265 J	148
1-Methylphenanthrene	SW8270ESIM			52.2	137	2920	760
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			15.1	53.4	1020	355 J
2,6-Dimethylnaphthalene	SW8270ESIM			21.9	84.1	1200	354
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			50.8	46.3	474 J	382
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			80.5	463	5380	1840
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			35.8	36.4 J	364	149 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			92.7	362	1830	806
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			339	463	9410	2350
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			432	711	13600	3430
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			344	359	8750	2050
Benzo(e)pyrene	SW8270ESIM			357	427	9970	2330
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			402	640	13500	3100
Benzo(j)fluoranthene	SW8270ESIM			198	305	5960	1220
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			166	265	4880	1080
Benzothiophene	SW8270ESIM			7.9	8.0 J	88.5 J	98
Carbazole	SW8270ESIM			9.9	46.9	67.6 J	25.0 U
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			393	596	11300	3350
Decalin, cis-	SW8270ESIM			4.5 UJ	5.0 UJ	125 UJ	25.0 U
Decalin, trans-	SW8270ESIM			4.5 UJ	5.0 UJ	82.6 J	13.8 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			42	104	1250	409

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			16.8	46.2	260	128
Dibenzothiophene	SW8270ESIM			50.1	219	3270 J	1110
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			652	1630	34900 J	9180
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			68.5	323	4620	1320
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			278	432	7560	1980
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	106	91.4	1390 J	1050
Perylene	SW8270ESIM			304	272	4010	1000
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			425	2180	28100	8950
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			778	1860	45200 J	11000
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				708 T	929 T	19600 T	4350 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	572 T	944 T	17500 T	4490 T
PH-ROD Total HPAH (U = 1/2 max limit)				4020 T	7400 T	156000 JT	39000 T
PH-ROD Total LPAH (U = 1/2 max limit)				859 T	3500 JT	42200 JT	14500 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		4880 T	11000 JT	198000 JT	54000 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			426	5.0 U	5490	1150
C1-Benzo(b)thiophene	SW8270ESIM			11.2	14.4	130	58.6
C1-Decalins	SW8270ESIM			4.5 U	5.0 U	643	64.7
C1-Dibenz(a,h)anthracenes	SW8270ESIM			75.9	110	472	169
C1-Dibenzothiophenes	SW8270ESIM			58.9	140	1630	751
C1-Fluoranthenes/Pyrenes	SW8270ESIM			424	633	12000	3040
C1-Fluorenes	SW8270ESIM			61.3	161	2540	695
C1-Naphthalenes	SW8270ESIM			69.4	61.3	448	328
C1-Naphthobenzothiophenes	SW8270ESIM			117	75.3	745	335
C1-Phenanthrenes/Anthracenes	SW8270ESIM			261	626	11600	2790
C2-Benzanthracenes/Chrysenes	SW8270ESIM			202	5.0 U	1970	430
C2-Benzo(b)thiophene	SW8270ESIM			19.5	76.9	374	225
C2-Decalins	SW8270ESIM			71.4	5.0 U	1550	248

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			31.5	39.5	108 J	26.9
C2-Dibenzothiophenes	SW8270ESIM			82.7	132	2530	684
C2-Fluoranthenes/Pyrenes	SW8270ESIM			233	208	3210	887
C2-Fluorenes	SW8270ESIM			79.9	142	2490	736
C2-Naphthalenes	SW8270ESIM			98.9	431	3490	1140
C2-Naphthobenzothiophenes	SW8270ESIM			86	43.8	391	153
C2-Phenanthrenes/Anthracenes	SW8270ESIM			255	366	5940	1710
C3-Benzanthracenes/Chrysenes	SW8270ESIM			135	5.0 U	733	187
C3-Benzo(b)thiophene	SW8270ESIM			17.1	5.0 U	769	432
C3-Decalins	SW8270ESIM			37	5.0 U	1530	285
C3-Dibenz(a,h)anthracenes	SW8270ESIM			10	11.9	31.1 J	9.9 J
C3-Dibenzothiophenes	SW8270ESIM			83.2	83.6	1420	467
C3-Fluoranthenes/Pyrenes	SW8270ESIM			153	123	1020	403
C3-Fluorenes	SW8270ESIM			74.4	107	2040	613
C3-Naphthalenes	SW8270ESIM			123	445	4940	1590
C3-Naphthobenzothiophenes	SW8270ESIM			4.5 U	32.8	278	66.1
C3-Phenanthrenes/Anthracenes	SW8270ESIM			192	189	2890	962
C4-Benzanthracenes/Chrysenes	SW8270ESIM			31.4	5.0 U	262	44.1
C4-Decalins	SW8270ESIM			50.8	5.0 U	128	32.9
C4-Dibenzothiophenes	SW8270ESIM			49.7	34.2	125 U	25.0 U
C4-Fluoranthenes/Pyrenes	SW8270ESIM			98.8	150	1610	711
C4-Naphthalenes	SW8270ESIM			67.8	225	1410	909
C4-Naphthobenzothiophenes	SW8270ESIM			7	5.0 U	65.0 J	25.0 U
C4-Phenanthrenes/Anthracenes	SW8270ESIM			106	63.7	646	387
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--	8.57
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--	5.52 J
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--	6.21 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--	14.6 J
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--	8.85 J
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--	6.21 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--	17.2 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--	26.6 JT
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--	23.2 JT
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--	14.4 JT
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--	6.21 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--	43.8 JT
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--	0.000285 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--	0.00101 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--	0.00122 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--	0.0055
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--	0.00123 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--	0.214
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--	1.87
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--	0.00146
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--	0.00261
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--	0.0734 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--	0.505
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--	0.0102
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--	0.028
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--	0.0222
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--	0.0312
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--	0.00838
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--	0.00116 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--	0.00486
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--	0.0576
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--	0.00396 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--	0.0812
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--	0.0343
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--	0.116 J
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--	0.0945 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--	0.147 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--	0.0416 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--	0.0196 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--	0.0177 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--	2.34 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	--	--	0.00354 J
PCB-002	E1668A			--	--	--	0.00636 J
PCB-003	E1668A			--	--	--	0.00746
PCB-004/010	E1668A			--	--	--	0.00430 J
PCB-005/008	E1668A			--	--	--	0.0182
PCB-006	E1668A			--	--	--	0.00352 J
PCB-007/009	E1668A			--	--	--	0.000543 U
PCB-011	E1668A			--	--	--	0.0252
PCB-012/013	E1668A			--	--	--	0.00386 J
PCB-014	E1668A			--	--	--	0.000608 U
PCB-015	E1668A			--	--	--	0.0216
PCB-016/032	E1668A			--	--	--	0.023
PCB-017	E1668A			--	--	--	0.0161
PCB-018	E1668A			--	--	--	0.032
PCB-019	E1668A			--	--	--	0.00399 J
PCB-020/021/033	E1668A			--	--	--	0.033
PCB-022	E1668A			--	--	--	0.0199

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
				Sample ID	Sample Date	Depth	Sample Type
				11/7/2020	11/9/2020	5/2/2021	4/12/2021
				0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 9.5 in
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622447.706	7622550.097	7621972.761	7621968.839
				Northing	Northing	Northing	Northing
				706905.494	706690.481	707146.5597	707148.8995
PCB-023	E1668A			--	--	--	0.000408 U
PCB-024/027	E1668A			--	--	--	0.00324 J
PCB-025	E1668A			--	--	--	0.00548
PCB-026	E1668A			--	--	--	0.0109
PCB-028	E1668A			--	--	--	0.0604
PCB-029	E1668A			--	--	--	0.000423 U
PCB-030	E1668A			--	--	--	0.000229 U
PCB-031	E1668A			--	--	--	0.0441
PCB-034	E1668A			--	--	--	0.000415 U
PCB-035	E1668A			--	--	--	0.00243 J
PCB-036	E1668A			--	--	--	0.000307 U
PCB-037	E1668A			--	--	--	0.0231
PCB-038	E1668A			--	--	--	0.00291 J
PCB-039	E1668A			--	--	--	0.000327 U
PCB-040	E1668A			--	--	--	0.0146
PCB-041/064/071/072	E1668A			--	--	--	0.0733
PCB-042/059	E1668A			--	--	--	0.0249
PCB-043/049	E1668A			--	--	--	0.0883
PCB-044	E1668A			--	--	--	0.0911
PCB-045	E1668A			--	--	--	0.00962
PCB-046	E1668A			--	--	--	0.00433 J
PCB-047	E1668A			--	--	--	0.148
PCB-048/075	E1668A			--	--	--	0.013
PCB-050	E1668A			--	--	--	0.000375 J
PCB-051	E1668A			--	--	--	0.0198
PCB-052/069	E1668A			--	--	--	0.148
PCB-053	E1668A			--	--	--	0.0105
PCB-054	E1668A			--	--	--	0.000450 J
PCB-055	E1668A			--	--	--	0.00203 J
PCB-056/060	E1668A			--	--	--	0.0572
PCB-057	E1668A			--	--	--	0.00104 J
PCB-058	E1668A			--	--	--	0.00103 J
PCB-061/070	E1668A			--	--	--	0.157

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
				Sample ID	Sample Date	Depth	Sample Type
				11/7/2020	11/9/2020	5/2/2021	4/12/2021
				0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 9.5 in
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622447.706	7622550.097	7621972.761	7621968.839
				Northing	Northing	Northing	Northing
				706905.494	706690.481	707146.5597	707148.8995
PCB-062	E1668A			--	--	--	0.000413 U
PCB-063	E1668A			--	--	--	0.00427 J
PCB-065	E1668A			--	--	--	0.000369 U
PCB-066/076	E1668A			--	--	--	0.0752
PCB-067	E1668A			--	--	--	0.00314 J
PCB-068	E1668A			--	--	--	0.00848 J
PCB-073	E1668A			--	--	--	0.000378 U
PCB-074	E1668A			--	--	--	0.0362
PCB-077	E1668A			--	--	--	0.00792 J
PCB-078	E1668A			--	--	--	0.00131 J
PCB-079	E1668A			--	--	--	0.00436 J
PCB-080	E1668A			--	--	--	0.000291 U
PCB-081	E1668A			--	--	--	0.00291 J
PCB-082	E1668A			--	--	--	0.0299
PCB-083	E1668A			--	--	--	0.000230 U
PCB-084/092	E1668A			--	--	--	0.174
PCB-085/116	E1668A			--	--	--	0.0416
PCB-086	E1668A			--	--	--	0.000338 U
PCB-087/117/125	E1668A			--	--	--	0.109
PCB-088/091	E1668A			--	--	--	0.0441
PCB-089	E1668A			--	--	--	0.00198 J
PCB-090/101	E1668A			--	--	--	0.543
PCB-093	E1668A			--	--	--	0.000425 U
PCB-094	E1668A			--	--	--	0.00142 J
PCB-095/098/102	E1668A			--	--	--	0.309
PCB-096	E1668A			--	--	--	0.00152 J
PCB-097	E1668A			--	--	--	0.0791
PCB-099	E1668A			--	--	--	0.172
PCB-100	E1668A			--	--	--	0.00310 J
PCB-103	E1668A			--	--	--	0.00707 J
PCB-104	E1668A			--	--	--	0.000289 U
PCB-105	E1668A			--	--	--	0.0911
PCB-106/118	E1668A			--	--	--	0.283

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
				Sample ID	Sample Date	Depth	Sample Type
				11/7/2020	11/9/2020	5/2/2021	4/12/2021
				0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 9.5 in
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622447.706	7622550.097	7621972.761	7621968.839
				Northing	Northing	Northing	Northing
				706905.494	706690.481	707146.5597	707148.8995
PCB-107/109	E1668A			--	--	--	0.0245
PCB-108/112	E1668A			--	--	--	0.0126
PCB-110	E1668A			--	--	--	0.391
PCB-111/115	E1668A			--	--	--	0.00474 J
PCB-113	E1668A			--	--	--	0.00250 J
PCB-114	E1668A			--	--	--	0.00565
PCB-119	E1668A			--	--	--	0.0115
PCB-120	E1668A			--	--	--	0.00283 J
PCB-121	E1668A			--	--	--	0.000221 U
PCB-122	E1668A			--	--	--	0.00340 J
PCB-123	E1668A			--	--	--	0.00347 J
PCB-124	E1668A			--	--	--	0.0156
PCB-126	E1668A			--	--	--	0.00278 J
PCB-127	E1668A			--	--	--	0.000515 U
PCB-128/162	E1668A			--	--	--	0.0801
PCB-129	E1668A			--	--	--	0.0175 J
PCB-130	E1668A			--	--	--	0.0519
PCB-131/133	E1668A			--	--	--	0.0304
PCB-132/161	E1668A			--	--	--	0.211
PCB-134/143	E1668A			--	--	--	0.0395
PCB-135	E1668A			--	--	--	0.125
PCB-136	E1668A			--	--	--	0.132
PCB-137	E1668A			--	--	--	0.0156
PCB-138/163/164	E1668A			--	--	--	0.769
PCB-139/149	E1668A			--	--	--	0.738
PCB-140	E1668A			--	--	--	0.011
PCB-141	E1668A			--	--	--	0.177
PCB-142	E1668A			--	--	--	0.00103 U
PCB-144	E1668A			--	--	--	0.0465
PCB-145	E1668A			--	--	--	0.000321 J
PCB-146/165	E1668A			--	--	--	0.179
PCB-147	E1668A			--	--	--	0.00932
PCB-148	E1668A			--	--	--	0.00572

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
				Sample ID	Sample Date	Depth	Sample Type
				11/7/2020	11/9/2020	5/2/2021	4/12/2021
				0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 9.5 in
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622447.706	7622550.097	7621972.761	7621968.839
				Northing	Northing	Northing	Northing
				706905.494	706690.481	707146.5597	707148.8995
PCB-150	E1668A			--	--	--	0.00267 J
PCB-151	E1668A			--	--	--	0.262
PCB-152	E1668A			--	--	--	0.000511 J
PCB-153	E1668A			--	--	--	0.887
PCB-154	E1668A			--	--	--	0.0278
PCB-155	E1668A			--	--	--	0.000127 U
PCB-156	E1668A			--	--	--	0.0585
PCB-157	E1668A			--	--	--	0.00804 J
PCB-158/160	E1668A			--	--	--	0.0585
PCB-159	E1668A			--	--	--	0.000615 U
PCB-166	E1668A			--	--	--	0.00157 J
PCB-167	E1668A			--	--	--	0.0223
PCB-168	E1668A			--	--	--	0.00392 J
PCB-169	E1668A			--	--	--	0.000761 U
PCB-170	E1668A			--	--	--	0.271
PCB-171	E1668A			--	--	--	0.0824
PCB-172	E1668A			--	--	--	0.0483
PCB-173	E1668A			--	--	--	0.00536
PCB-174	E1668A			--	--	--	0.331
PCB-175	E1668A			--	--	--	0.0143
PCB-176	E1668A			--	--	--	0.046
PCB-177	E1668A			--	--	--	0.2
PCB-178	E1668A			--	--	--	0.0772
PCB-179	E1668A			--	--	--	0.165
PCB-180	E1668A			--	--	--	0.723
PCB-181	E1668A			--	--	--	0.00469 J
PCB-182/187	E1668A			--	--	--	0.444
PCB-183	E1668A			--	--	--	0.193
PCB-184	E1668A			--	--	--	0.000412 J
PCB-185	E1668A			--	--	--	0.0373
PCB-186	E1668A			--	--	--	0.000239 U
PCB-188	E1668A			--	--	--	0.000942 J
PCB-189	E1668A			--	--	--	0.00989

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-00-01-201107	USMPDI-057SC-A-00-01-201109	USMPDI-005SC-A-00-01-210502	USMPDI-005SG-210412
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			--	--	--	0.0514
PCB-191	E1668A			--	--	--	0.00961
PCB-192	E1668A			--	--	--	0.000278 U
PCB-193	E1668A			--	--	--	0.0387
PCB-194	E1668A			--	--	--	0.181
PCB-195	E1668A			--	--	--	0.0619
PCB-196/203	E1668A			--	--	--	0.223
PCB-197	E1668A			--	--	--	0.00898
PCB-198	E1668A			--	--	--	0.0117
PCB-199	E1668A			--	--	--	0.232
PCB-200	E1668A			--	--	--	0.0253
PCB-201	E1668A			--	--	--	0.034
PCB-202	E1668A			--	--	--	0.0534
PCB-204	E1668A			--	--	--	0.000211 U
PCB-205	E1668A			--	--	--	0.00653 J
PCB-206	E1668A			--	--	--	0.299
PCB-207	E1668A			--	--	--	0.0227
PCB-208	E1668A			--	--	--	0.0913
PCB-209	E1668A			--	--	--	0.505
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	--	--	0.0174 JT
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	--	--	0.0773 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	--	--	0.282 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	--	--	1.01 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	--	--	2.37 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	--	--	3.97 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	--	--	2.8 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	--	--	0.838 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	--	--	0.413 T
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	--	--	0.505 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--	0.000985 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--	0.0000186 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--	0.000306 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	--	--	12 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-057SC-A	USMPDI-005SC-A	USMPDI-005SG
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-056SC-A-00-01-201107	11/7/2020	0 - 1 ft	N	7622447.706	706905.494	
	USMPDI-057SC-A-00-01-201109	11/9/2020	0 - 1 ft	N	7622550.097	706690.481	
	USMPDI-005SC-A-00-01-210502	5/2/2021	0 - 1 ft	N	7621972.761	707146.5597	
	USMPDI-005SG-210412	4/12/2021	0 - 9.5 in	N	7621968.839	707148.8995	
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			113 U	63.4 U	576	275
Motor oil range hydrocarbons	NWTPHDx			226 U	127 U	616	281

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
				Sample ID			
				Sample Date			
				Depth			
				Sample Type			
				Easting			
				Northing			
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			--	--	0.916	--
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			--	--	2.7	--
Total Solids	SM2540G			46.71	50.91	41.8	47.75
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			18.9	25.2	32.9	52.2
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			5.4	3.2 J	7.3	6.0 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				4/28/2021	5/2/2021	4/13/2021	5/2/2021
				Depth	Depth	Depth	Depth
				0 - 1 ft	0 - 1 ft	0 - 10.8 in	0 - 1 ft
				Sample Type	Sample Type	Sample Type	Sample Type
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622053.302	7622014.309	7622006.1	7622155.183
				Northing	Northing	Northing	Northing
				707065.877	707029.8898	707026.0664	706877.602
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			10.9	4.5 J	12.6	10.5 J
1-Methylphenanthrene	SW8270ESIM			20.1	19.1 J	23.6	36.8
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			5.3	3.8 J	5.6 J	7.2 J
2,6-Dimethylnaphthalene	SW8270ESIM			7.5	4.6 J	5.7	6.8 J
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			15.6	9.0 J	17.5	15.8 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			33.5	22.6 J	90.5	56.2
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			8	7.1 J	15.2 J	18.4 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			41	54.6	49.6	49.3
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			154 J	157	151	301
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			182	167	217	364
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			124	143	184	250
Benzo(e)pyrene	SW8270ESIM			127	123	167	251
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			190	129	232 J	275
Benzo(j)fluoranthene	SW8270ESIM			72.5	76.7	88.9	149
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			66.6	76.4	78.2	137
Benzothiophene	SW8270ESIM			1.9 J	25.0 UJ	2.5 J	2.9 J
Carbazole	SW8270ESIM			6.5	14.7 J	21.8	8.4 J
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			204	227	208	402
Decalin, cis-	SW8270ESIM			5.0 UJ	25.0 UJ	5.0 U	24.9 UJ
Decalin, trans-	SW8270ESIM			5.0 UJ	25.0 UJ	0.6 J	24.9 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			17.8 J	21.3 J	21.1	26.8

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			10.1	7.4 J	31.9	8.1 J
Dibenzothiophene	SW8270ESIM			19.5	14.3 J	16.6	36.0 J
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			290	333 J	440	690 J
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			30.7	21.6 J	56.3	38.8
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			114 J	90.1	154	180
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	26.4 J	25 UJ	32.9	37.0 UJ
Perylene	SW8270ESIM			140	187	119	284
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			145	120	216	237
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			319	359 J	438	830 J
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				263 T	296 T	351 T	540 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	240 JT	228 JT	288 T	470 T
PH-ROD Total HPAH (U = 1/2 max limit)				1700 JT	1780 JT	2200 JT	3600 JT
PH-ROD Total LPAH (U = 1/2 max limit)				300 JT	250 JT	478 JT	434 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		2000 JT	2000 JT	2700 JT	4000 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			135	139	117	210
C1-Benzo(b)thiophene	SW8270ESIM			3.1 J	25.0 U	3.3 J	24.9 U
C1-Decalins	SW8270ESIM			3 J	3.9 J	5.0 U	3.7 J
C1-Dibenz(a,h)anthracenes	SW8270ESIM			16.7	8.9 J	28.5	19.6 J
C1-Dibenzothiophenes	SW8270ESIM			17.5	14.7 J	15.8	29.5
C1-Fluoranthenes/Pyrenes	SW8270ESIM			118	142	171	262
C1-Fluorenes	SW8270ESIM			16.5	12.5 J	17.2	22.5 J
C1-Naphthalenes	SW8270ESIM			15.7	8.8 J	19.9	15.6 J
C1-Naphthobenzothiophenes	SW8270ESIM			16.7	24.8 J	29.8	46.5
C1-Phenanthrenes/Anthracenes	SW8270ESIM			75.7	71.2	91.5	134
C2-Benzanthracenes/Chrysenes	SW8270ESIM			57.3	44.9	50.9	86.9
C2-Benzo(b)thiophene	SW8270ESIM			4.4 J	4.5 J	4.0 J	24.9 U
C2-Decalins	SW8270ESIM			11.8	11.1 J	13.6	17.7 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
				4/28/2021	5/2/2021	4/13/2021	5/2/2021
				0 - 1 ft	0 - 1 ft	0 - 10.8 in	0 - 1 ft
				N	N	N	N
				7622053.302	7622014.309	7622006.1	7622155.183
				707065.877	707029.8898	707026.0664	706877.602
C2-Dibenz(a,h)anthracenes	SW8270ESIM			3.5 J	25.0 U	7.6	24.9 U
C2-Dibenzothiophenes	SW8270ESIM			25	25.4	19.3	48.6
C2-Fluoranthenes/Pyrenes	SW8270ESIM			56.2	70.8	85.4	122
C2-Fluorenes	SW8270ESIM			18.6	16.3 J	14.8	26.2
C2-Naphthalenes	SW8270ESIM			23	13.5 J	21.9	24.4 J
C2-Naphthobenzothiophenes	SW8270ESIM			13.1	19.4 J	19.2	29.8
C2-Phenanthrenes/Anthracenes	SW8270ESIM			69.5	71.9	73.3	119
C3-Benzanthracenes/Chrysenes	SW8270ESIM			26	26.5	28.7	42.7
C3-Benzo(b)thiophene	SW8270ESIM			3.4 J	25.0 U	4.7 J	24.9 U
C3-Decalins	SW8270ESIM			15.1	13.5 J	8.2	20.6 J
C3-Dibenz(a,h)anthracenes	SW8270ESIM			3 J	3.6 J	3.9 J	24.9 U
C3-Dibenzothiophenes	SW8270ESIM			20.6	35.5	17.7	42.5
C3-Fluoranthenes/Pyrenes	SW8270ESIM			22.8	32	29.8	78.1
C3-Fluorenes	SW8270ESIM			20	19.2 J	18.3	30.6
C3-Naphthalenes	SW8270ESIM			19.3	15.7 J	17.3	25.4
C3-Naphthobenzothiophenes	SW8270ESIM			9.4	25.0 U	17	25.2
C3-Phenanthrenes/Anthracenes	SW8270ESIM			48.9	53.7	50.2	81.2
C4-Benzanthracenes/Chrysenes	SW8270ESIM			11.8	11.5 J	9.8	13.1 J
C4-Decalins	SW8270ESIM			1.1 J	25.0 U	5.0 U	24.9 U
C4-Dibenzothiophenes	SW8270ESIM			5.0 U	25.0 U	5.0 U	25.8
C4-Fluoranthenes/Pyrenes	SW8270ESIM			11.5	17.9 J	30.6	69.1
C4-Naphthalenes	SW8270ESIM			15.5	6.2 J	10.5	22.0 J
C4-Naphthobenzothiophenes	SW8270ESIM			5.2	25.0 U	8.3	24.9 U
C4-Phenanthrenes/Anthracenes	SW8270ESIM			15.3	17.7 J	10.1	20.0 J
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	4.58 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	4.58 UJ	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	4.58 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	4.58 U	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	4.58 UJ	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	4.58 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	4.58 UJT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	4.58 UJT	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	4.58 UT	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	4.58 UJT	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	4.58 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	4.58 UJT	--
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000142 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000291 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000358 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00249	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00119 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.0521	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	0.431	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.000142 U	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.000908 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0190 J	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.107	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.002	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.00155 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.00101 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.00319	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000821 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000193 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000400 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00767	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.000291 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.017	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.00380 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.00784	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0152	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0222	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
				Sample ID	Sample Date	Depth	Sample Type
				4/28/2021	5/2/2021	0 - 1 ft	N
				7622053.302	7622014.309	0 - 10.8 in	N
				707065.877	707029.8898	7622006.1	7622155.183
						707026.0664	706877.602
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.00415 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.00164 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.00233 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	0.521 JT	--
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	--	0.00503	--
PCB-002	E1668A			--	--	0.012	--
PCB-003	E1668A			--	--	0.00617	--
PCB-004/010	E1668A			--	--	0.0133	--
PCB-005/008	E1668A			--	--	0.0339	--
PCB-006	E1668A			--	--	0.00825	--
PCB-007/009	E1668A			--	--	0.00325 J	--
PCB-011	E1668A			--	--	0.0504	--
PCB-012/013	E1668A			--	--	0.00600 J	--
PCB-014	E1668A			--	--	0.000582 U	--
PCB-015	E1668A			--	--	0.0358	--
PCB-016/032	E1668A			--	--	0.0334	--
PCB-017	E1668A			--	--	0.0249	--
PCB-018	E1668A			--	--	0.046	--
PCB-019	E1668A			--	--	0.016	--
PCB-020/021/033	E1668A			--	--	0.0449	--
PCB-022	E1668A			--	--	0.0278	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
				Sample ID	Sample Date	Depth	Sample Type
				4/28/2021	5/2/2021	0 - 1 ft	N
				Easting	7622053.302	7622014.309	7622006.1
				Northing	707065.877	707029.8898	707026.0664
PCB-023	E1668A			--	--	0.000544 U	--
PCB-024/027	E1668A			--	--	0.00583 J	--
PCB-025	E1668A			--	--	0.0115	--
PCB-026	E1668A			--	--	0.0184	--
PCB-028	E1668A			--	--	0.104	--
PCB-029	E1668A			--	--	0.000564 U	--
PCB-030	E1668A			--	--	0.000175 U	--
PCB-031	E1668A			--	--	0.0608	--
PCB-034	E1668A			--	--	0.000740 J	--
PCB-035	E1668A			--	--	0.00228 J	--
PCB-036	E1668A			--	--	0.000678 U	--
PCB-037	E1668A			--	--	0.039	--
PCB-038	E1668A			--	--	0.00473 J	--
PCB-039	E1668A			--	--	0.000722 U	--
PCB-040	E1668A			--	--	0.022	--
PCB-041/064/071/072	E1668A			--	--	0.117	--
PCB-042/059	E1668A			--	--	0.0401	--
PCB-043/049	E1668A			--	--	0.127	--
PCB-044	E1668A			--	--	0.112	--
PCB-045	E1668A			--	--	0.0145	--
PCB-046	E1668A			--	--	0.00789	--
PCB-047	E1668A			--	--	0.0741	--
PCB-048/075	E1668A			--	--	0.0195	--
PCB-050	E1668A			--	--	0.000737 J	--
PCB-051	E1668A			--	--	0.0135	--
PCB-052/069	E1668A			--	--	0.152	--
PCB-053	E1668A			--	--	0.0242	--
PCB-054	E1668A			--	--	0.00379 J	--
PCB-055	E1668A			--	--	0.00139 J	--
PCB-056/060	E1668A			--	--	0.0765	--
PCB-057	E1668A			--	--	0.000885 J	--
PCB-058	E1668A			--	--	0.000772 J	--
PCB-061/070	E1668A			--	--	0.16	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			--	--	0.000472 U	--
PCB-063	E1668A			--	--	0.00635	--
PCB-065	E1668A			--	--	0.000422 U	--
PCB-066/076	E1668A			--	--	0.131	--
PCB-067	E1668A			--	--	0.00319 J	--
PCB-068	E1668A			--	--	0.00351 J	--
PCB-073	E1668A			--	--	0.00112 J	--
PCB-074	E1668A			--	--	0.0567	--
PCB-077	E1668A			--	--	0.0134	--
PCB-078	E1668A			--	--	0.000519 U	--
PCB-079	E1668A			--	--	0.00371 J	--
PCB-080	E1668A			--	--	0.000436 U	--
PCB-081	E1668A			--	--	0.00202 J	--
PCB-082	E1668A			--	--	0.0267	--
PCB-083	E1668A			--	--	0.000235 U	--
PCB-084/092	E1668A			--	--	0.112	--
PCB-085/116	E1668A			--	--	0.0452	--
PCB-086	E1668A			--	--	0.00135 J	--
PCB-087/117/125	E1668A			--	--	0.0857	--
PCB-088/091	E1668A			--	--	0.0479	--
PCB-089	E1668A			--	--	0.00319 J	--
PCB-090/101	E1668A			--	--	0.307	--
PCB-093	E1668A			--	--	0.0229	--
PCB-094	E1668A			--	--	0.00223 J	--
PCB-095/098/102	E1668A			--	--	0.165	--
PCB-096	E1668A			--	--	0.00265 J	--
PCB-097	E1668A			--	--	0.0709	--
PCB-099	E1668A			--	--	0.139	--
PCB-100	E1668A			--	--	0.00613	--
PCB-103	E1668A			--	--	0.00604	--
PCB-104	E1668A			--	--	0.000546 J	--
PCB-105	E1668A			--	--	0.103	--
PCB-106/118	E1668A			--	--	0.242	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			--	--	0.0178	--
PCB-108/112	E1668A			--	--	0.0113	--
PCB-110	E1668A			--	--	0.294	--
PCB-111/115	E1668A			--	--	0.00408 J	--
PCB-113	E1668A			--	--	0.00114 J	--
PCB-114	E1668A			--	--	0.00608	--
PCB-119	E1668A			--	--	0.00896	--
PCB-120	E1668A			--	--	0.000204 U	--
PCB-121	E1668A			--	--	0.000441 J	--
PCB-122	E1668A			--	--	0.00353 J	--
PCB-123	E1668A			--	--	0.00458 J	--
PCB-124	E1668A			--	--	0.0102	--
PCB-126	E1668A			--	--	0.00199 J	--
PCB-127	E1668A			--	--	0.00112 U	--
PCB-128/162	E1668A			--	--	0.0625	--
PCB-129	E1668A			--	--	0.0154	--
PCB-130	E1668A			--	--	0.0332	--
PCB-131/133	E1668A			--	--	0.0137	--
PCB-132/161	E1668A			--	--	0.0986	--
PCB-134/143	E1668A			--	--	0.0201	--
PCB-135	E1668A			--	--	0.0573	--
PCB-136	E1668A			--	--	0.0565	--
PCB-137	E1668A			--	--	0.0147	--
PCB-138/163/164	E1668A			--	--	0.434	--
PCB-139/149	E1668A			--	--	0.361	--
PCB-140	E1668A			--	--	0.00452 J	--
PCB-141	E1668A			--	--	0.0766	--
PCB-142	E1668A			--	--	0.000860 U	--
PCB-144	E1668A			--	--	0.0156	--
PCB-145	E1668A			--	--	0.000110 U	--
PCB-146/165	E1668A			--	--	0.0713	--
PCB-147	E1668A			--	--	0.0136	--
PCB-148	E1668A			--	--	0.00265 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			--	--	0.00133 J	--
PCB-151	E1668A			--	--	0.109	--
PCB-152	E1668A			--	--	0.000732 J	--
PCB-153	E1668A			--	--	0.43	--
PCB-154	E1668A			--	--	0.0113	--
PCB-155	E1668A			--	--	0.000520 J	--
PCB-156	E1668A			--	--	0.0378	--
PCB-157	E1668A			--	--	0.00992	--
PCB-158/160	E1668A			--	--	0.044	--
PCB-159	E1668A			--	--	0.000516 U	--
PCB-166	E1668A			--	--	0.000735 J	--
PCB-167	E1668A			--	--	0.0169	--
PCB-168	E1668A			--	--	0.00227 J	--
PCB-169	E1668A			--	--	0.000644 U	--
PCB-170	E1668A			--	--	0.126	--
PCB-171	E1668A			--	--	0.0343	--
PCB-172	E1668A			--	--	0.0207	--
PCB-173	E1668A			--	--	0.00254 J	--
PCB-174	E1668A			--	--	0.14	--
PCB-175	E1668A			--	--	0.00454 J	--
PCB-176	E1668A			--	--	0.0177	--
PCB-177	E1668A			--	--	0.0815	--
PCB-178	E1668A			--	--	0.0318	--
PCB-179	E1668A			--	--	0.0659	--
PCB-180	E1668A			--	--	0.295	--
PCB-181	E1668A			--	--	0.00308 J	--
PCB-182/187	E1668A			--	--	0.192	--
PCB-183	E1668A			--	--	0.0759	--
PCB-184	E1668A			--	--	0.000708 J	--
PCB-185	E1668A			--	--	0.0141	--
PCB-186	E1668A			--	--	0.000268 U	--
PCB-188	E1668A			--	--	0.000595 J	--
PCB-189	E1668A			--	--	0.00559	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
				Sample ID	Sample Date	Depth	Sample Type
				4/28/2021	5/2/2021	0 - 1 ft	N
				7622053.302	7622014.309	0 - 10.8 in	N
				707065.877	707029.8898	0 - 1 ft	N
				Easting	7622006.1	7622155.183	
				Northing	707026.0664	706877.602	
PCB-190	E1668A			--	--	0.0254	--
PCB-191	E1668A			--	--	0.00638	--
PCB-192	E1668A			--	--	0.000287 U	--
PCB-193	E1668A			--	--	0.0197	--
PCB-194	E1668A			--	--	0.0717	--
PCB-195	E1668A			--	--	0.026	--
PCB-196/203	E1668A			--	--	0.0906	--
PCB-197	E1668A			--	--	0.00294 J	--
PCB-198	E1668A			--	--	0.00375 J	--
PCB-199	E1668A			--	--	0.0909	--
PCB-200	E1668A			--	--	0.0115	--
PCB-201	E1668A			--	--	0.0109	--
PCB-202	E1668A			--	--	0.0157 J	--
PCB-204	E1668A			--	--	0.000347 J	--
PCB-205	E1668A			--	--	0.00343 J	--
PCB-206	E1668A			--	--	0.0511	--
PCB-207	E1668A			--	--	0.00596	--
PCB-208	E1668A			--	--	0.0164	--
PCB-209	E1668A			--	--	0.0681	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	--	0.0232 T	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	--	0.151 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	--	0.442 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	--	1.2 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	--	1.75 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	--	2.0 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	--	1.2 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	--	0.328 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	--	0.0735 T	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	--	0.0681 T	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.00109 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.0000144 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.000223 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	--	7.2 JT	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-008SC-A	USMPDI-008SG	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-00-01-210428	USMPDI-008SC-A-00-01-210502	USMPDI-008SG-210413	USMPDI-010SC-A-00-01-210502
Sample ID				4/28/2021	5/2/2021	4/13/2021	5/2/2021
Sample Date				0 - 1 ft	0 - 1 ft	0 - 10.8 in	0 - 1 ft
Depth				N	N	N	N
Sample Type				7622053.302	7622014.309	7622006.1	7622155.183
Easting				707065.877	707029.8898	707026.0664	706877.602
Northing							
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			32.8	10.8	37.4	25.4
Motor oil range hydrocarbons	NWTPHDx			192	77.8	244	123

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501	
				Sample Date	4/14/2021	5/1/2021	4/14/2021	5/1/2021
				Depth	0 - 9.3 in	0 - 1 ft	0 - 9.7 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622086.927	7622167.222	7622164.515	7622238.807
				Northing	706899.5782	706820.1178	706819.7887	706754.2776
Conventional Parameters (unitless)								
Liquid limit	D4318			--	--	--	--	
Plastic limit	D4318			--	--	--	--	
Plasticity index	D4318			--	--	--	--	
Specific gravity	D854			--	--	--	--	
Conventional Parameters (mg/kg)								
Cyanide	D7511-12			0.914	--	0.863	--	
Conventional Parameters (pct)								
Moisture (water) content	D2216			--	--	--	--	
Total organic carbon	SM5310BM			2.8	--	2.6	--	
Total Solids	SM2540G			42.8 J	54.14	40.9 J	54.25	
Conventional Parameters (lb/ft³)								
Density (bulk)	D7263			--	--	--	--	
Density (dry)	D7263			--	--	--	--	
Grain Size (pct)								
Gravel	D6913			--	--	--	--	
Sand	D6913			--	--	--	--	
Total fines (Reported, not calculated)	D6913			--	--	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--	
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			34.8	27.8	16.3	24.9 U	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			4.9 J	24.9 UJ	5.1	24.9 UJ	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			6.3	7.5 J	5.7	4.9 J
1-Methylphenanthrene	SW8270ESIM			18.5	16.9 J	12.4	14.6 J
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			4.0 J	2.8 J	3.6 J	24.9 UJ
2,6-Dimethylnaphthalene	SW8270ESIM			4.6 J	24.9 UJ	3.6 J	24.9 UJ
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			10.1	7.3 J	9.6	6.7 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			26.2	58.4 J	20.3	20.7 J
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			13.0 J	10.8 J	7.5 J	7.8 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			35.6	30.7	21	29.6
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			122	148	81.6	94.2
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			171	223	128	143
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			189	146	101	104
Benzo(e)pyrene	SW8270ESIM			152	148	95.4	102
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			190 J	200	134 J	205
Benzo(j)fluoranthene	SW8270ESIM			82.1	90.3	50.8	56.6
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			86.4	90.6	49.7	58.7
Benzothiophene	SW8270ESIM			2.3 J	24.9 UJ	1.8 J	24.9 UJ
Carbazole	SW8270ESIM			14.3	9.5 J	4.4 J	5.0 J
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			251	194	108	132
Decalin, cis-	SW8270ESIM			5.0 U	24.9 UJ	5.0 U	24.9 UJ
Decalin, trans-	SW8270ESIM			5.0 U	24.9 UJ	5.0 U	24.9 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			19.5	30	14.7	23.9 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			4/14/2021	5/1/2021	4/14/2021	5/1/2021
Dibenzothiophene	SW8270ESIM			0 - 9.3 in	0 - 1 ft	0 - 9.7 in	0 - 1 ft
Fluoranthene	SW8270E			N	N	N	N
Fluoranthene	SW8270ESIM			7622086.927	7622167.222	7622164.515	7622238.807
Fluorene	SW8270E			706899.5782	706820.1178	706819.7887	706754.2776
Fluorene	SW8270ESIM						
Indeno(1,2,3-c,d)pyrene	SW8270E						
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			9.2	27.0 J	5.7	24.9 UJ
Naphthalene	SW8270E		140000	11.7	24.9 U	7.8	9.6 J
Naphthalene	SW8270ESIM		140000	--	--	--	--
Perylene	SW8270ESIM			449	326	197	210
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			21.4	44.8 J	13.6	15.3 J
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			131	147	94.4	108
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	145	195	98.9	189
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				136	139	68.4	108
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			391	349	222	239
C1-Benzo(b)thiophene	SW8270ESIM			358 T	327 T	202 T	219 T
C1-Decalins	SW8270ESIM			236 T	298 T	171 T	198 JT
C1-Dibenz(a,h)anthracenes	SW8270ESIM			2100 JT	1900 T	1180 JT	1400 JT
C1-Dibenzothiophenes	SW8270ESIM			267 JT	310 JT	160 JT	200 JT
C1-Fluoranthenes/Pyrenes	SW8270ESIM			2300 JT	2300 JT	1300 JT	1600 JT
C1-Fluorenes	SW8270ESIM			112	107	75.9	90.9
C1-Naphthalenes	SW8270ESIM			2.4 J	24.9 U	3.0 J	24.9 U
C1-Naphthobenzothiophenes	SW8270ESIM			3.2 J	24.9 U	5.0 U	24.9 U
C1-Phenanthrenes/Anthracenes	SW8270ESIM			28.4	18.0 J	12.5	17.9 J
C2-Benzanthracenes/Chrysenes	SW8270ESIM			12.7	11.2 J	9.5	11.7 J
C2-Benzo(b)thiophene	SW8270ESIM			140	133	90.6	110
C2-Decalins	SW8270ESIM			13.6	12.4 J	12	10.5 J
	SW8270ESIM			11.5	11.4 J	10.6	9.5 J
	SW8270ESIM			26.4	18.3 J	17.5	14.6 J
	SW8270ESIM			67	68.7	44.7	60
	SW8270ESIM			41.7	45.2	33.5	33.7
	SW8270ESIM			3.0 J	24.9 U	4.4 J	24.9 U
	SW8270ESIM			15.1	10.0 J	5.0 U	10.8 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501
				Sample ID	Sample Date	Depth	Sample Type
				4/14/2021	5/1/2021	0 - 9.3 in	N
				0 - 9.3 in	0 - 1 ft	0 - 9.7 in	N
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622086.927	7622167.222	7622164.515	7622238.807
				Northing	Northing	Northing	Northing
				706899.5782	706820.1178	706819.7887	706754.2776
C2-Dibenz(a,h)anthracenes	SW8270ESIM			2.6 J	3.7 J	5.4	3.7 J
C2-Dibenzothiophenes	SW8270ESIM			15.9	18.0 J	13.4	16.3 J
C2-Fluoranthenes/Pyrenes	SW8270ESIM			94.7	54.7	39.2	49.9
C2-Fluorenes	SW8270ESIM			14.3	11.8 J	13.3	13.1 J
C2-Naphthalenes	SW8270ESIM			14.2	20.8 J	13.6	16.7 J
C2-Naphthobenzothiophenes	SW8270ESIM			22.9	14.3 J	15.5	12.6 J
C2-Phenanthrenes/Anthracenes	SW8270ESIM			61.6	60.6	47.9	54.3
C3-Benzanthracenes/Chrysenes	SW8270ESIM			31	28.3	15.3	22.7 J
C3-Benzo(b)thiophene	SW8270ESIM			2.4 J	24.9 U	5.0 U	24.9 U
C3-Decalins	SW8270ESIM			10.7	24.9 U	5.0 U	11.9 J
C3-Dibenz(a,h)anthracenes	SW8270ESIM			4.4 J	24.9 U	5.0 U	24.9 U
C3-Dibenzothiophenes	SW8270ESIM			13.2	16.9 J	12.9	12.7 J
C3-Fluoranthenes/Pyrenes	SW8270ESIM			37	23.3 J	15.1	23.4 J
C3-Fluorenes	SW8270ESIM			14.5	13.4 J	12.3	13.0 J
C3-Naphthalenes	SW8270ESIM			13	21.2 J	11.9	16.6 J
C3-Naphthobenzothiophenes	SW8270ESIM			19.7	12.9 J	5.0 U	13.5 J
C3-Phenanthrenes/Anthracenes	SW8270ESIM			44.7	30.4	18.8	43.1
C4-Benzanthracenes/Chrysenes	SW8270ESIM			14.4	24.9 U	12.2	8.4 J
C4-Decalins	SW8270ESIM			5.0 U	24.9 U	5.0 U	24.9 U
C4-Dibenzothiophenes	SW8270ESIM			5.0 U	24.9 U	5.0 U	24.9 U
C4-Fluoranthenes/Pyrenes	SW8270ESIM			22.3	24.2 J	20.4	20.3 J
C4-Naphthalenes	SW8270ESIM			8.5	12.7 J	5.0 U	10.9 J
C4-Naphthobenzothiophenes	SW8270ESIM			6.3	24.9 U	5.0 U	24.9 U
C4-Phenanthrenes/Anthracenes	SW8270ESIM			11.6	11.9 J	12.3	16.0 J
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			4.63 U	--	4.88 UJ	--
2,4'-DDE (o,p'-DDE)	SW8081B			5.55 UJ	--	4.88 UJ	--
2,4'-DDT (o,p'-DDT)	SW8081B			4.63 U	--	4.88 UJ	--
4,4'-DDD (p,p'-DDD)	SW8081B			4.63 U	--	4.88 UJ	--
4,4'-DDE (p,p'-DDE)	SW8081B			4.63 UJ	--	4.88 UJ	--
4,4'-DDT (p,p'-DDT)	SW8081B			4.63 U	--	4.88 UJ	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4/14/2021	5/1/2021	4/14/2021	5/1/2021
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				0 - 9.3 in	0 - 1 ft	0 - 9.7 in	0 - 1 ft
PH-ROD Sum DDD (U = 1/2 max limit)				N	N	N	N
PH-ROD Sum DDE (U = 1/2 max limit)				7622086.927	7622167.222	7622164.515	7622238.807
PH-ROD Sum DDT (U = 1/2 max limit)				706899.5782	706820.1178	706819.7887	706754.2776
PH-ROD Total DDx (U = 1/2 max limit)		160	7050				
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000137 U	--	0.0000925 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000683 J	--	0.000473 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000977 J	--	0.000787 J	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00371	--	0.0032	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00202 J	--	0.00168 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0957	--	0.0737	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.925	--	0.738	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00149 J	--	0.00129 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00232 J	--	0.00190 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0339	--	0.0265 J	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.229	--	0.165	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00613	--	0.00199	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00319	--	0.00191 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.003	--	0.00148 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0053	--	0.00432	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00163 J	--	0.00148 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000349 U	--	0.000351 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00105 J	--	0.000940 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0149	--	0.0131	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00151 J	--	0.00141 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0407	--	0.0329	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0174	--	0.00518 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0182 J	--	0.0111	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0247	--	0.0222 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0440 J	--	0.0364	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0117 JT	--	0.00542 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00444 JT	--	0.00290 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00526 JT	--	0.00361 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				1.11 JT	--	0.878 JT	--
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.00446 J	--	0.00523	--
PCB-002	E1668A			0.0135	--	0.0108	--
PCB-003	E1668A			0.0104	--	0.00607	--
PCB-004/010	E1668A			0.0138	--	0.0118	--
PCB-005/008	E1668A			0.0274	--	0.0227	--
PCB-006	E1668A			0.00655	--	0.00482 J	--
PCB-007/009	E1668A			0.00297 J	--	0.00262 J	--
PCB-011	E1668A			0.0457	--	0.079	--
PCB-012/013	E1668A			0.00529 J	--	0.000723 U	--
PCB-014	E1668A			0.000680 U	--	0.000719 U	--
PCB-015	E1668A			0.0275	--	0.0215	--
PCB-016/032	E1668A			0.0332	--	0.0415	--
PCB-017	E1668A			0.0236	--	0.0293	--
PCB-018	E1668A			0.0442	--	0.0583	--
PCB-019	E1668A			0.0158	--	0.0136	--
PCB-020/021/033	E1668A			0.0391	--	0.0359	--
PCB-022	E1668A			0.0253	--	0.0324	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			0.000482 U	--	0.000580 U	--
PCB-024/027	E1668A			0.00542 J	--	0.00656 J	--
PCB-025	E1668A			0.00972	--	0.00743 J	--
PCB-026	E1668A			0.0149	--	0.0179	--
PCB-028	E1668A			0.0849	--	0.105	--
PCB-029	E1668A			0.000499 U	--	0.000600 U	--
PCB-030	E1668A			0.000194 U	--	0.000256 U	--
PCB-031	E1668A			0.0625	--	0.0723	--
PCB-034	E1668A			0.000489 U	--	0.000589 U	--
PCB-035	E1668A			0.00275 J	--	0.00210 J	--
PCB-036	E1668A			0.000539 U	--	0.000607 U	--
PCB-037	E1668A			0.0411	--	0.0325	--
PCB-038	E1668A			0.00341 J	--	0.00342 J	--
PCB-039	E1668A			0.000574 U	--	0.000646 U	--
PCB-040	E1668A			0.0232	--	0.0238	--
PCB-041/064/071/072	E1668A			0.114	--	0.102	--
PCB-042/059	E1668A			0.0402	--	0.0371	--
PCB-043/049	E1668A			0.125	--	0.113	--
PCB-044	E1668A			0.119	--	0.111	--
PCB-045	E1668A			0.0152	--	0.015	--
PCB-046	E1668A			0.00749	--	0.00715	--
PCB-047	E1668A			0.069	--	0.0584	--
PCB-048/075	E1668A			0.0203	--	0.0198	--
PCB-050	E1668A			0.000857 J	--	0.000698 U	--
PCB-051	E1668A			0.0129 J	--	0.0112	--
PCB-052/069	E1668A			0.164	--	0.148	--
PCB-053	E1668A			0.0208 J	--	0.0201	--
PCB-054	E1668A			0.00312 J	--	0.00228 J	--
PCB-055	E1668A			0.00329 J	--	0.000572 U	--
PCB-056/060	E1668A			0.0852	--	0.0817	--
PCB-057	E1668A			0.000358 U	--	0.000704 J	--
PCB-058	E1668A			0.000923 J	--	0.000700 J	--
PCB-061/070	E1668A			0.17	--	0.161	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000389 U	--	0.000630 U	--
PCB-063	E1668A			0.00643	--	0.00513	--
PCB-065	E1668A			0.000348 U	--	0.000564 U	--
PCB-066/076	E1668A			0.134	--	0.129	--
PCB-067	E1668A			0.00371 J	--	0.00386 J	--
PCB-068	E1668A			0.00240 J	--	0.00200 J	--
PCB-073	E1668A			0.000910 J	--	0.00120 J	--
PCB-074	E1668A			0.0595	--	0.0596	--
PCB-077	E1668A			0.0146	--	0.014	--
PCB-078	E1668A			0.000455 U	--	0.000694 U	--
PCB-079	E1668A			0.00457 J	--	0.00337 J	--
PCB-080	E1668A			0.000346 U	--	0.000565 U	--
PCB-081	E1668A			0.00166 J	--	0.00118 J	--
PCB-082	E1668A			0.03	--	0.0275	--
PCB-083	E1668A			0.000324 U	--	0.000599 U	--
PCB-084/092	E1668A			0.122	--	0.106	--
PCB-085/116	E1668A			0.0458	--	0.0417	--
PCB-086	E1668A			0.000477 U	--	0.00146 J	--
PCB-087/117/125	E1668A			0.0909	--	0.0799	--
PCB-088/091	E1668A			0.0493	--	0.0401	--
PCB-089	E1668A			0.00236 J	--	0.00265 J	--
PCB-090/101	E1668A			0.319	--	0.269	--
PCB-093	E1668A			0.00779	--	0.00818	--
PCB-094	E1668A			0.00355 J	--	0.00240 J	--
PCB-095/098/102	E1668A			0.191	--	0.155	--
PCB-096	E1668A			0.00257 J	--	0.00248 J	--
PCB-097	E1668A			0.0748	--	0.0653	--
PCB-099	E1668A			0.14	--	0.115	--
PCB-100	E1668A			0.00522 J	--	0.00431 J	--
PCB-103	E1668A			0.00543 J	--	0.00450 J	--
PCB-104	E1668A			0.000738 J	--	0.000950 J	--
PCB-105	E1668A			0.105	--	0.0896	--
PCB-106/118	E1668A			0.263	--	0.217	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.0217	--	0.0159	--
PCB-108/112	E1668A			0.0115	--	0.0107	--
PCB-110	E1668A			0.306	--	0.249	--
PCB-111/115	E1668A			0.00581 J	--	0.00411 J	--
PCB-113	E1668A			0.00247 J	--	0.00186 J	--
PCB-114	E1668A			0.00588	--	0.00341 J	--
PCB-119	E1668A			0.00824 J	--	0.00663 J	--
PCB-120	E1668A			0.000281 U	--	0.000520 U	--
PCB-121	E1668A			0.000288 U	--	0.000558 U	--
PCB-122	E1668A			0.00422 J	--	0.00174 J	--
PCB-123	E1668A			0.0052	--	0.00588	--
PCB-124	E1668A			0.00960 J	--	0.00976	--
PCB-126	E1668A			0.00176 J	--	0.00146 J	--
PCB-127	E1668A			0.000891 U	--	0.000831 U	--
PCB-128/162	E1668A			0.0654	--	0.0521	--
PCB-129	E1668A			0.0165	--	0.0119 J	--
PCB-130	E1668A			0.035	--	0.0259	--
PCB-131/133	E1668A			0.0123	--	0.00985 J	--
PCB-132/161	E1668A			0.0928	--	0.071	--
PCB-134/143	E1668A			0.0185	--	0.0166	--
PCB-135	E1668A			0.046	--	0.0368	--
PCB-136	E1668A			0.0519	--	0.0391	--
PCB-137	E1668A			0.0164	--	0.0135	--
PCB-138/163/164	E1668A			0.424	--	0.323	--
PCB-139/149	E1668A			0.3	--	0.235	--
PCB-140	E1668A			0.00537 J	--	0.00345 J	--
PCB-141	E1668A			0.0711	--	0.0567	--
PCB-142	E1668A			0.000743 U	--	0.000811 U	--
PCB-144	E1668A			0.0158	--	0.0128	--
PCB-145	E1668A			0.000164 U	--	0.000126 U	--
PCB-146/165	E1668A			0.07	--	0.0516	--
PCB-147	E1668A			0.0104 J	--	0.00896 J	--
PCB-148	E1668A			0.00111 J	--	0.000186 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.00187 J	--	0.000735 J	--
PCB-151	E1668A			0.0904	--	0.0706	--
PCB-152	E1668A			0.000459 J	--	0.000121 U	--
PCB-153	E1668A			0.396	--	0.305	--
PCB-154	E1668A			0.00976	--	0.00655 J	--
PCB-155	E1668A			0.000744 J	--	0.000423 J	--
PCB-156	E1668A			0.0392	--	0.0317	--
PCB-157	E1668A			0.00957	--	0.00831	--
PCB-158/160	E1668A			0.0469	--	0.0354	--
PCB-159	E1668A			0.000434 U	--	0.000490 U	--
PCB-166	E1668A			0.000461 U	--	0.000521 U	--
PCB-167	E1668A			0.0159 J	--	0.0132	--
PCB-168	E1668A			0.000493 U	--	0.000538 U	--
PCB-169	E1668A			0.000524 U	--	0.000528 U	--
PCB-170	E1668A			0.111	--	0.0804	--
PCB-171	E1668A			0.0314	--	0.0203	--
PCB-172	E1668A			0.0189	--	0.0156	--
PCB-173	E1668A			0.00245 J	--	0.00159 J	--
PCB-174	E1668A			0.121	--	0.0728	--
PCB-175	E1668A			0.00504	--	0.00348 J	--
PCB-176	E1668A			0.0152	--	0.0108	--
PCB-177	E1668A			0.0721	--	0.0491	--
PCB-178	E1668A			0.0291	--	0.0232	--
PCB-179	E1668A			0.0561	--	0.0418	--
PCB-180	E1668A			0.263	--	0.191	--
PCB-181	E1668A			0.00256 J	--	0.00129 J	--
PCB-182/187	E1668A			0.173	--	0.125	--
PCB-183	E1668A			0.0699	--	0.0464	--
PCB-184	E1668A			0.000891 J	--	0.000743 J	--
PCB-185	E1668A			0.0128	--	0.00835	--
PCB-186	E1668A			0.000338 U	--	0.000510 U	--
PCB-188	E1668A			0.000391 J	--	0.000546 U	--
PCB-189	E1668A			0.00426 J	--	0.00332 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SG-210414	USMPDI-015SC-A-00-01-210501	USMPDI-015SG-210414	USMPDI-016SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0239	--	0.0181	--
PCB-191	E1668A			0.00386 J	--	0.00329 J	--
PCB-192	E1668A			0.000342 U	--	0.000444 U	--
PCB-193	E1668A			0.0172	--	0.0121	--
PCB-194	E1668A			0.0627	--	0.0432	--
PCB-195	E1668A			0.0228	--	0.017	--
PCB-196/203	E1668A			0.0796	--	0.0558	--
PCB-197	E1668A			0.00265 J	--	0.00272 J	--
PCB-198	E1668A			0.00328 J	--	0.00193 J	--
PCB-199	E1668A			0.0802	--	0.0604	--
PCB-200	E1668A			0.00893 J	--	0.00583 J	--
PCB-201	E1668A			0.00865 J	--	0.00701	--
PCB-202	E1668A			0.017	--	0.0126	--
PCB-204	E1668A			0.000244 U	--	0.000381 U	--
PCB-205	E1668A			0.00313 J	--	0.00241 J	--
PCB-206	E1668A			0.0582	--	0.0352	--
PCB-207	E1668A			0.00651	--	0.00543	--
PCB-208	E1668A			0.0211	--	0.012	--
PCB-209	E1668A			0.0962	--	0.0816	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0284 JT	--	0.0221 T	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.130 JT	--	0.143 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.407 JT	--	0.460 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				1.2 JT	--	1.13 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				1.8 JT	--	1.54 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				1.9 JT	--	1.44 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				1.03 JT	--	0.729 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.289 JT	--	0.209 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.0858 T	--	0.0526 T	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.0962 T	--	0.0816 T	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.00109 JT	--	0.000980 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000133 JT	--	0.0000112 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000199 JT	--	0.000167 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	7.0 JT	--	5.82 JT	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-010SG	USMPDI-015SC-A	USMPDI-015SG	USMPDI-016SC-A																	
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	Analytical Method	Site-Wide RAL	PTW Threshold															
	USMPDI-010SG-210414	4/14/2021	0 - 9.3 in	N	7622086.927	706899.5782	USMPDI-015SC-A-00-01-210501	5/1/2021	0 - 1 ft	N	7622167.222	706820.1178	USMPDI-015SG-210414	4/14/2021	0 - 9.7 in	N	7622164.515	706819.7887	USMPDI-016SC-A-00-01-210501	5/1/2021	0 - 1 ft	N	7622238.807	706754.2776
Total Petroleum Hydrocarbons (mg/kg)																								
Diesel range hydrocarbons																								
Motor oil range hydrocarbons																								
	NWTPHDx				37.3	25.6	32.8	24.7																
	NWTPHDx				266	104	232	141																

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample ID			
				Sample Date			
				Depth			
				Sample Type			
				Easting			
				Northing			
Conventional Parameters (unitless)							
Liquid limit	D4318			82	--	--	--
Plastic limit	D4318			51	--	--	--
Plasticity index	D4318			31	--	--	--
Specific gravity	D854			2.64	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			0.792	--	1.58	--
Conventional Parameters (pct)							
Moisture (water) content	D2216			122.6	--	--	--
Total organic carbon	SM5310BM			2.7	1.9	3.2	--
Total Solids	SM2540G			41	51.3	37.9	49.2
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			87.56	--	--	--
Density (dry)	D7263			39.34	--	--	--
Grain Size (pct)							
Gravel	D6913			0 U	--	--	--
Sand	D6913			4.6	--	--	--
Total fines (Reported, not calculated)	D6913			95.4	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--	--
Percent passing 110 micron sieve (#140)	D6913			99	--	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--	--
Percent passing 425 micron sieve (#40)	D6913			99	--	--	--
Percent passing 250 micron sieve (#60)	D6913			99	--	--	--
Percent passing 150 micron sieve (#100)	D6913			99	--	--	--
Percent passing 75 micron sieve (#200)	D6913			95	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			15.3	67.7	31.6	24.9 U
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			5.3	13.1 J	13.7	24.9 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			5.4	20.4 J	14.8	3.5 J
1-Methylphenanthrene	SW8270ESIM			12.2	55.1	22.1	13.9 J
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			3.8 J	10.4 J	6.5 J	24.9 U
2,6-Dimethylnaphthalene	SW8270ESIM			2.7 J	13.5 J	7.7	24.9 U
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			8.7	34.9 J	31.6	6.3 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			14.8	109 J	36.2	17.2 J
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			8.4 J	19.9 J	14.3 J	5.5 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			21.1	103 J	37.8	21.9 J
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			74.8	626 J	133	91.9
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			115	576 J	196	127
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			95.4	376 J	167	92.1
Benzo(e)pyrene	SW8270ESIM			90.6	393	147	93.4
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			136 J	460 J	189	134
Benzo(j)fluoranthene	SW8270ESIM			45.7	260	76.3	57.3
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			45.2	234	70.5	53.2
Benzothiophene	SW8270ESIM			1.8 J	6.0 J	5.6	24.9 UJ
Carbazole	SW8270ESIM			5.0 J	32.4	13	24.9 U
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			102	725 J	179	131
Decalin, cis-	SW8270ESIM			5.0 U	25.0 UJ	5.0 U	24.9 UJ
Decalin, trans-	SW8270ESIM			5.0 U	25.0 UJ	5.0 UJ	24.9 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			11.7	51.8 J	24.3	19.7 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			6.2	14.6 J	17.6	3.5 J
Dibenzothiophene	SW8270ESIM			7.4	59.4	18.1	11.0 J
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			191	1030	304	241
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			12.5	61.6	32.1	13.1 J
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			88.2	273 J	138	81.5
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	20.8	71.0 J	75.4	24.9 UJ
Perylene	SW8270ESIM			109	231	113	175
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			70.5	446	160	83.8 U
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			215	1200	326	265
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				186 T	870 JT	314 T	203 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	153 T	758 JT	265 T	174 JT
PH-ROD Total HPAH (U = 1/2 max limit)				1120 JT	5800 JT	1800 T	1290 JT
PH-ROD Total LPAH (U = 1/2 max limit)				160 JT	845 JT	390 JT	120 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		1300 JT	6700 JT	2200 JT	1400 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			66	424	126	69.3
C1-Benzo(b)thiophene	SW8270ESIM			2.9 J	25.0 U	5	24.9 U
C1-Decalins	SW8270ESIM			5.0 J	5.1 J	11.8	24.9 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			15.6	31.6	26.9	9.5 J
C1-Dibenzothiophenes	SW8270ESIM			8.9	53.2	19.8	10.8 J
C1-Fluoranthenes/Pyrenes	SW8270ESIM			87.7	448	140	94.6
C1-Fluorenes	SW8270ESIM			9.8	38.7	16.9	8.4 J
C1-Naphthalenes	SW8270ESIM			10.2	33.5	37.4	6.8 J
C1-Naphthobenzothiophenes	SW8270ESIM			15.5	52.3	30.1	13.7 J
C1-Phenanthrenes/Anthracenes	SW8270ESIM			41.4	210	75.4	42.8
C2-Benzanthracenes/Chrysenes	SW8270ESIM			25.9	167	50.3	17.2 J
C2-Benzo(b)thiophene	SW8270ESIM			4.8 J	25.0 U	10.1	24.9 U
C2-Decalins	SW8270ESIM			18.4	17.3 J	18.5	10.9 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			4/13/2021	4/29/2021	4/12/2021	5/2/2021
C2-Dibenzothiophenes	SW8270ESIM			0 - 9.8 in	0 - 1 ft	0 - 10.7 in	0 - 1 ft
C2-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N	N
C2-Fluorenes	SW8270ESIM			7622239.209	7622375.01	7622372.611	7622295.184
C2-Naphthalenes	SW8270ESIM			706753.6582	706770.5197	706771.3993	706663.94
C2-Naphthobenzothiophenes	SW8270ESIM						
C2-Phenanthrenes/Anthracenes	SW8270ESIM						
C3-Benzanthracenes/Chrysenes	SW8270ESIM						
C3-Benzo(b)thiophene	SW8270ESIM						
C3-Decalins	SW8270ESIM						
C3-Dibenz(a,h)anthracenes	SW8270ESIM						
C3-Dibenzothiophenes	SW8270ESIM						
C3-Fluoranthenes/Pyrenes	SW8270ESIM						
C3-Fluorenes	SW8270ESIM						
C3-Naphthalenes	SW8270ESIM						
C3-Naphthobenzothiophenes	SW8270ESIM						
C3-Phenanthrenes/Anthracenes	SW8270ESIM						
C4-Benzanthracenes/Chrysenes	SW8270ESIM						
C4-Decalins	SW8270ESIM						
C4-Dibenzothiophenes	SW8270ESIM						
C4-Fluoranthenes/Pyrenes	SW8270ESIM						
C4-Naphthalenes	SW8270ESIM						
C4-Naphthobenzothiophenes	SW8270ESIM						
C4-Phenanthrenes/Anthracenes	SW8270ESIM						
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			4.71 UJ	3.99 J	5.27 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			4.71 UJ	3.88 UJ	5.27 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			4.71 UJ	3.88 UJ	5.27 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			4.71 UJ	13.9	5.27 U	--
4,4'-DDE (p,p'-DDE)	SW8081B			4.71 UJ	2.54 J	5.27 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			4.71 UJ	3.88 UJ	5.27 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.71 UJT	7.87 JT	5.27 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				4.71 UJT	18.4 JT	5.27 UT	--
PH-ROD Sum DDD (U = 1/2 max limit)				4.71 UJT	17.9 JT	5.27 UT	--
PH-ROD Sum DDE (U = 1/2 max limit)				4.71 UJT	4.48 JT	5.27 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				4.71 UJT	3.88 UJT	5.27 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	4.71 UJT	26.3 JT	5.27 UT	--
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000129 U	0.000168 J	0.000147 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000276 U	0.000135 J	0.000611 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000485 U	0.000370 J	0.000859 J	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00117 J	0.00139 J	0.0056	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000482 U	0.000725 J	0.00172 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0287	0.0291	0.0972	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.256	0.311	0.794	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000261 J	0.00152 J	0.00143	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000276 U	0.00185 J	0.00164 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00755 J	0.0118 J	0.0341	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.062	0.0691	0.197	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000181 U	0.00246	0.00193	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000482 J	0.0028	0.00216 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000197 U	0.00141 J	0.00140 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00120 J	0.00479	0.00468	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000370 J	0.00131 J	0.00156 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000538 U	0.000295 J	0.000345 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000452 U	0.000240 J	0.000786 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00537	0.00667	0.0167	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000383 U	0.00107 J	0.00181 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0228	0.0163	0.0365	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000397 J	0.00812 J	0.00469	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00258 J	0.00984 J	0.0139 J	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00793 J	0.0151	0.0275 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0162	0.0198	0.0459	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000806 JT	0.00536 JT	0.00528 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000734 JT	0.00228 JT	0.00287 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00105 JT	0.00243 JT	0.00400 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.318 JT	0.380 JT	0.967 JT	--
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	7.76 U	--	--
Aroclor 1221	SW8082A			--	7.76 U	--	--
Aroclor 1232	SW8082A			--	7.76 U	--	--
Aroclor 1242	SW8082A			--	7.76 U	--	--
Aroclor 1248	SW8082A			--	7.76 U	--	--
Aroclor 1254	SW8082A			--	6.17 J	--	--
Aroclor 1260	SW8082A			--	7.76 U	--	--
Aroclor 1262	SW8082A			--	7.76 U	--	--
Aroclor 1268	SW8082A			--	7.76 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	37.2 JT	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.00345 J	--	0.00474 J	--
PCB-002	E1668A			0.00925	--	0.00915 J	--
PCB-003	E1668A			0.00479 J	--	0.00589 J	--
PCB-004/010	E1668A			0.00831 J	--	0.00968 J	--
PCB-005/008	E1668A			0.0155	--	0.0174	--
PCB-006	E1668A			0.00465 J	--	0.00508 J	--
PCB-007/009	E1668A			0.000660 U	--	0.00137 U	--
PCB-011	E1668A			0.0392	--	0.0474	--
PCB-012/013	E1668A			0.000697 U	--	0.00141 U	--
PCB-014	E1668A			0.000693 U	--	0.00140 U	--
PCB-015	E1668A			0.0164	--	0.0185	--
PCB-016/032	E1668A			0.0226	--	0.021	--
PCB-017	E1668A			0.015	--	0.0152	--
PCB-018	E1668A			0.0292	--	0.0259	--
PCB-019	E1668A			0.00929	--	0.0102 J	--
PCB-020/021/033	E1668A			0.0263	--	0.0243	--
PCB-022	E1668A			0.0178	--	0.0151 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			0.000587 U	--	0.000817 U	--
PCB-024/027	E1668A			0.00343 J	--	0.00410 J	--
PCB-025	E1668A			0.00708	--	0.00626 J	--
PCB-026	E1668A			0.0111	--	0.0114	--
PCB-028	E1668A			0.0604	--	0.0614	--
PCB-029	E1668A			0.000607 U	--	0.000846 U	--
PCB-030	E1668A			0.000293 U	--	0.000437 U	--
PCB-031	E1668A			0.0453	--	0.0444	--
PCB-034	E1668A			0.000596 U	--	0.000830 U	--
PCB-035	E1668A			0.000571 U	--	0.00166 J	--
PCB-036	E1668A			0.000559 U	--	0.000814 U	--
PCB-037	E1668A			0.0204	--	0.0269	--
PCB-038	E1668A			0.00345 J	--	0.00726	--
PCB-039	E1668A			0.000595 U	--	0.000866 U	--
PCB-040	E1668A			0.0152	--	0.0178	--
PCB-041/064/071/072	E1668A			0.0732	--	0.0758	--
PCB-042/059	E1668A			0.0246	--	0.0293	--
PCB-043/049	E1668A			0.0811	--	0.0973	--
PCB-044	E1668A			0.0738	--	0.0916	--
PCB-045	E1668A			0.00798 J	--	0.0103	--
PCB-046	E1668A			0.00466 J	--	0.00567 J	--
PCB-047	E1668A			0.0449	--	0.053	--
PCB-048/075	E1668A			0.0138	--	0.0125 J	--
PCB-050	E1668A			0.000667 J	--	0.000794 J	--
PCB-051	E1668A			0.00751	--	0.00912	--
PCB-052/069	E1668A			0.0996	--	0.125	--
PCB-053	E1668A			0.0141	--	0.0174	--
PCB-054	E1668A			0.00202 J	--	0.00153 J	--
PCB-055	E1668A			0.000464 U	--	0.000547 U	--
PCB-056/060	E1668A			0.054	--	0.0635	--
PCB-057	E1668A			0.000607 J	--	0.000643 J	--
PCB-058	E1668A			0.000463 U	--	0.000555 U	--
PCB-061/070	E1668A			0.111	--	0.14	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000538 U	--	0.000683 U	--
PCB-063	E1668A			0.00414 J	--	0.00416 J	--
PCB-065	E1668A			0.000481 U	--	0.000611 U	--
PCB-066/076	E1668A			0.0865	--	0.105	--
PCB-067	E1668A			0.00207 J	--	0.00280 J	--
PCB-068	E1668A			0.00197 J	--	0.00168 J	--
PCB-073	E1668A			0.000624 J	--	0.00141 J	--
PCB-074	E1668A			0.0366	--	0.0435	--
PCB-077	E1668A			0.0091	--	0.0126	--
PCB-078	E1668A			0.000580 U	--	0.000698 J	--
PCB-079	E1668A			0.00232 J	--	0.00374 J	--
PCB-080	E1668A			0.000458 U	--	0.000541 U	--
PCB-081	E1668A			0.00112 J	--	0.00132 J	--
PCB-082	E1668A			0.0171 J	--	0.0232	--
PCB-083	E1668A			0.000275 U	--	0.000636 U	--
PCB-084/092	E1668A			0.0681	--	0.0912	--
PCB-085/116	E1668A			0.0301	--	0.0362	--
PCB-086	E1668A			0.000529 J	--	0.000936 U	--
PCB-087/117/125	E1668A			0.0542	--	0.0666	--
PCB-088/091	E1668A			0.028	--	0.0348	--
PCB-089	E1668A			0.00190 J	--	0.00191 J	--
PCB-090/101	E1668A			0.193	--	0.252	--
PCB-093	E1668A			0.00688	--	0.00125 U	--
PCB-094	E1668A			0.00173 J	--	0.00281 J	--
PCB-095/098/102	E1668A			0.109	--	0.145	--
PCB-096	E1668A			0.00149 J	--	0.00234 J	--
PCB-097	E1668A			0.0434	--	0.0543	--
PCB-099	E1668A			0.0862	--	0.117	--
PCB-100	E1668A			0.00319 J	--	0.00307 J	--
PCB-103	E1668A			0.00418 J	--	0.00425 J	--
PCB-104	E1668A			0.000524 J	--	0.000789 U	--
PCB-105	E1668A			0.0639	--	0.0858	--
PCB-106/118	E1668A			0.163	--	0.208	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.0136	--	0.016	--
PCB-108/112	E1668A			0.00713 J	--	0.00819 J	--
PCB-110	E1668A			0.185	--	0.235	--
PCB-111/115	E1668A			0.00315 J	--	0.00401 J	--
PCB-113	E1668A			0.00118 J	--	0.000679 U	--
PCB-114	E1668A			0.00392 J	--	0.00460 J	--
PCB-119	E1668A			0.0058	--	0.00646	--
PCB-120	E1668A			0.000239 U	--	0.000553 U	--
PCB-121	E1668A			0.000314 J	--	0.000650 U	--
PCB-122	E1668A			0.00246 J	--	0.00263 J	--
PCB-123	E1668A			0.00293 J	--	0.0054	--
PCB-124	E1668A			0.00661	--	0.00961	--
PCB-126	E1668A			0.000869 J	--	0.00228 J	--
PCB-127	E1668A			0.000634 U	--	0.000938 U	--
PCB-128/162	E1668A			0.0413	--	0.0526	--
PCB-129	E1668A			0.00943	--	0.0144	--
PCB-130	E1668A			0.0198	--	0.0257	--
PCB-131/133	E1668A			0.00690 J	--	0.00977 J	--
PCB-132/161	E1668A			0.0574	--	0.0767	--
PCB-134/143	E1668A			0.0119	--	0.015	--
PCB-135	E1668A			0.0307	--	0.041	--
PCB-136	E1668A			0.0306	--	0.0423	--
PCB-137	E1668A			0.00865	--	0.0164	--
PCB-138/163/164	E1668A			0.27	--	0.362	--
PCB-139/149	E1668A			0.197	--	0.27	--
PCB-140	E1668A			0.00286 J	--	0.00299 J	--
PCB-141	E1668A			0.0465	--	0.0651	--
PCB-142	E1668A			0.000854 U	--	0.00191 U	--
PCB-144	E1668A			0.0104	--	0.0164	--
PCB-145	E1668A			0.000145 U	--	0.000199 U	--
PCB-146/165	E1668A			0.0448	--	0.0582	--
PCB-147	E1668A			0.00755	--	0.0096	--
PCB-148	E1668A			0.000838 J	--	0.00233 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.000674 J	--	0.00121 J	--
PCB-151	E1668A			0.0599	--	0.0853	--
PCB-152	E1668A			0.000140 U	--	0.000364 J	--
PCB-153	E1668A			0.259	--	0.341	--
PCB-154	E1668A			0.00627	--	0.00804 J	--
PCB-155	E1668A			0.000422 J	--	0.000773 J	--
PCB-156	E1668A			0.0237	--	0.0366	--
PCB-157	E1668A			0.00725	--	0.00834	--
PCB-158/160	E1668A			0.0277	--	0.0388	--
PCB-159	E1668A			0.000522 U	--	0.00117 U	--
PCB-166	E1668A			0.000555 U	--	0.00193 J	--
PCB-167	E1668A			0.0106	--	0.0148	--
PCB-168	E1668A			0.00162 J	--	0.00127 U	--
PCB-169	E1668A			0.000662 U	--	0.00140 U	--
PCB-170	E1668A			0.076	--	0.104	--
PCB-171	E1668A			0.0202	--	0.032	--
PCB-172	E1668A			0.0120 J	--	0.0182	--
PCB-173	E1668A			0.00159 J	--	0.00549	--
PCB-174	E1668A			0.0832	--	0.116	--
PCB-175	E1668A			0.00239 J	--	0.00602	--
PCB-176	E1668A			0.0095	--	0.0142 J	--
PCB-177	E1668A			0.0505	--	0.0671	--
PCB-178	E1668A			0.0196	--	0.0258	--
PCB-179	E1668A			0.0379	--	0.0507	--
PCB-180	E1668A			0.181	--	0.241	--
PCB-181	E1668A			0.00420 J	--	0.00513 J	--
PCB-182/187	E1668A			0.114	--	0.15	--
PCB-183	E1668A			0.0444	--	0.0639	--
PCB-184	E1668A			0.000855 J	--	0.00125 J	--
PCB-185	E1668A			0.00912	--	0.018	--
PCB-186	E1668A			0.000429 U	--	0.000547 J	--
PCB-188	E1668A			0.000460 U	--	0.000475 J	--
PCB-189	E1668A			0.00349 J	--	0.00505 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0176	--	0.0316	--
PCB-191	E1668A			0.00398 J	--	0.00493 J	--
PCB-192	E1668A			0.000476 U	--	0.000528 U	--
PCB-193	E1668A			0.0108	--	0.0165	--
PCB-194	E1668A			0.0455	--	0.0635	--
PCB-195	E1668A			0.0187	--	0.0471	--
PCB-196/203	E1668A			0.0594	--	0.126	--
PCB-197	E1668A			0.00204 J	--	0.00906 J	--
PCB-198	E1668A			0.00258 J	--	0.0111	--
PCB-199	E1668A			0.0604	--	0.0941	--
PCB-200	E1668A			0.00694	--	0.0238	--
PCB-201	E1668A			0.00671	--	0.0169	--
PCB-202	E1668A			0.0126	--	0.0147 J	--
PCB-204	E1668A			0.000392 U	--	0.00236 J	--
PCB-205	E1668A			0.00193 J	--	0.00962	--
PCB-206	E1668A			0.0365	--	0.141	--
PCB-207	E1668A			0.00603	--	0.0547	--
PCB-208	E1668A			0.0128	--	0.0659	--
PCB-209	E1668A			0.0456	--	0.235	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0175 JT	--	0.0198 JT	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.0851 JT	--	0.100 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.273 JT	--	0.277 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				0.775 JT	--	0.93 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				1.11 JT	--	1.43 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				1.2 JT	--	1.6 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				0.703 JT	--	0.98 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.217 JT	--	0.418 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.0553 T	--	0.262 T	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.0456 T	--	0.235 T	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.000666 JT	--	0.00101 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.00000723 JT	--	0.0000152 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000106 JT	--	0.000262 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	4.5 JT	--	6.3 JT	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-016SG	USMPDI-017SC-A	USMPDI-017SG	USMPDI-019SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SG-210413	USMPDI-017SC-A-00-01-210429	USMPDI-017SG-210412	USMPDI-019SC-A-00-01-210502	
				Sample Date	4/13/2021	4/29/2021	4/12/2021	5/2/2021
				Depth	0 - 9.8 in	0 - 1 ft	0 - 10.7 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622239.209	7622375.01	7622372.611	7622295.184
				Northing	706753.6582	706770.5197	706771.3993	706663.94
Total Petroleum Hydrocarbons (mg/kg)								
Diesel range hydrocarbons	NWTPHDx			41.7	30.1	78	27.2	
Motor oil range hydrocarbons	NWTPHDx			280	111	259	173	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430	
				Sample Date	4/14/2021	4/29/2021	4/12/2021	4/30/2021
				Depth	0 - 9 in	0 - 1 ft	0 - 8.8 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622294.521	7622418.3	7622414.461	7622445.427
				Northing	706666.1873	706701.2205	706695.8555	706556.9865
Conventional Parameters (unitless)								
Liquid limit	D4318			--	--	--	--	
Plastic limit	D4318			--	--	--	--	
Plasticity index	D4318			--	--	--	--	
Specific gravity	D854			--	--	--	--	
Conventional Parameters (mg/kg)								
Cyanide	D7511-12			0.808	--	1.52	--	
Conventional Parameters (pct)								
Moisture (water) content	D2216			--	--	--	--	
Total organic carbon	SM5310BM			2.6	--	3.5	--	
Total Solids	SM2540G			42.6 J	48.71	37.2	53.68	
Conventional Parameters (lb/ft³)								
Density (bulk)	D7263			--	--	--	--	
Density (dry)	D7263			--	--	--	--	
Grain Size (pct)								
Gravel	D6913			--	--	--	--	
Sand	D6913			--	--	--	--	
Total fines (Reported, not calculated)	D6913			--	--	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--	
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			16.5	27.5	16.5	19.8	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			4.2 J	6.2 J	11.1	2.9 J	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			5.6	12.1 J	11	3.6 J
1-Methylphenanthrene	SW8270ESIM			13.3	20.7 J	16.7	17.3
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			3.0 J	5.2 J	5.5 J	3.6 J
2,6-Dimethylnaphthalene	SW8270ESIM			2.6 J	8.1 J	11.3	3.3 J
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			10.7	22.4 J	5.0 U	6.4 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			13.7	38.8 J	21.4	27.2 J
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			7.3 J	9.9 J	10.3 J	3.8 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			22.9	52.8 J	25.2	32.5
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			76.6	231 J	68.2	115
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			108	219 J	105	179
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			91.2	162 J	118	82.6 J
Benzo(e)pyrene	SW8270ESIM			84.8	152	75.9	106
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			123 J	184 J	114	145
Benzo(j)fluoranthene	SW8270ESIM			44.2	106	39.7	45.8 J
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			45.3	96.6	40.2	50.5
Benzothiophene	SW8270ESIM			2.0 J	3.0 J	3.4 J	5.0 UJ
Carbazole	SW8270ESIM			5.2	10.7 J	6.7	5.0 U
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			130	286 J	86.6	138
Decalin, cis-	SW8270ESIM			5.0 U	25.0 UJ	2.4 J	5.0 UJ
Decalin, trans-	SW8270ESIM			5.0 U	25.0 UJ	5.0 UJ	5.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			12.1	21.5 J	17	4.6 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			4/14/2021	4/29/2021	4/12/2021	4/30/2021
Dibenzothiophene	SW8270ESIM			0 - 9 in	0 - 1 ft	0 - 8.8 in	0 - 1 ft
Fluoranthene	SW8270E			N	N	N	N
Fluoranthene	SW8270ESIM			7622294.521	7622418.3	7622414.461	7622445.427
Fluorene	SW8270E			706666.1873	706701.2205	706695.8555	706556.9865
Fluorene	SW8270ESIM						
Indeno(1,2,3-c,d)pyrene	SW8270E						
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			6.4	6.9 J	12.6	4.6 J
Naphthalene	SW8270E		140000	7.6	22.9 J	5.0 U	11.8
Naphthalene	SW8270ESIM		140000	--	--	--	--
Perylene	SW8270ESIM			192	368	176	275
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			13.7	28	17.4	18.4 J
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			83.3	123 J	78	72.7 J
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	26.2	39.1 J	43.8	13.1 J
PH-ROD Total HPAH (U = 1/2 max limit)				113	154	84.3	173
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		75.2	168	94.2	134
C1-Benzanthracenes/Chrysenes	SW8270ESIM			205	417	211	322
C1-Benzo(b)thiophene	SW8270ESIM			181 T	365 JT	198 T	179 JT
C1-Decalins	SW8270ESIM			150 T	293 JT	149 T	210 JT
C1-Dibenz(a,h)anthracenes	SW8270ESIM			1100 JT	2210 JT	1050 T	1400 JT
C1-Dibenzothiophenes	SW8270ESIM			170 JT	360 JT	215 JT	240 JT
C1-Fluoranthenes/Pyrenes	SW8270ESIM			1300 JT	2600 JT	1270 JT	1700 JT
C1-Fluorenes	SW8270ESIM			67.1	163	59.7	83.5
C1-Naphthalenes	SW8270ESIM			1.8 J	2.7 J	5.6	0.7 J
C1-Naphthobenzothiophenes	SW8270ESIM			2.4 J	3.5 J	5.6	3.4 J
C1-Phenanthrenes/Anthracenes	SW8270ESIM			16.1	14.3 J	13.1	3.7 J
C2-Benzanthracenes/Chrysenes	SW8270ESIM			9.3	17.8 J	11.4	13.3
C2-Benzo(b)thiophene	SW8270ESIM			99.1	173	81.4	110
C2-Decalins	SW8270ESIM			10.7	14.6 J	14.9	12.2
				10.9	21.5 J	27.2	6.7
				16.2	21.1 J	17.3	18.8
				47.9	82.4	55	77.3
				26.7	58.3	26.1	30.5
				3.0 J	4.7 J	6.4	2.6 J
				15.2	11.6 J	18.7	1.7 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			3.3 J	25.0 U	4.0 J	0.7 J
C2-Dibenzothiophenes	SW8270ESIM			12.2	26.1	13.6	19.5
C2-Fluoranthenes/Pyrenes	SW8270ESIM			44.7	72.2	38.7	50.8
C2-Fluorenes	SW8270ESIM			9.5	19.7 J	18.7	15.5
C2-Naphthalenes	SW8270ESIM			11.8	23.4 J	22.5	14.1
C2-Naphthobenzothiophenes	SW8270ESIM			14.6	15.3 J	11.9	17.1
C2-Phenanthrenes/Anthracenes	SW8270ESIM			36.9	80.2	49.3	71.5
C3-Benzanthracenes/Chrysenes	SW8270ESIM			21.5	34.5	15.9	13.2
C3-Benzo(b)thiophene	SW8270ESIM			2.0 J	25.0 U	5.2	3.7 J
C3-Decalins	SW8270ESIM			5.0 U	14.0 J	16.3	7.2
C3-Dibenz(a,h)anthracenes	SW8270ESIM			2.3 J	25.0 U	2.6 J	5.0 U
C3-Dibenzothiophenes	SW8270ESIM			13	30	11.4	18.6
C3-Fluoranthenes/Pyrenes	SW8270ESIM			18.3	35.5	18.4	22.5
C3-Fluorenes	SW8270ESIM			10.8	23.2 J	12.3	13
C3-Naphthalenes	SW8270ESIM			10	20.8 J	19.2	15.4
C3-Naphthobenzothiophenes	SW8270ESIM			10.7	25.0 U	12.4	12.9
C3-Phenanthrenes/Anthracenes	SW8270ESIM			19.1	63.2	37.3	49.7
C4-Benzanthracenes/Chrysenes	SW8270ESIM			8.8	11.5 J	7.4	2.3 J
C4-Decalins	SW8270ESIM			5.0 U	25.0 U	5.0 U	1.1 J
C4-Dibenzothiophenes	SW8270ESIM			5.0 U	25.0 U	5.0 U	5.0 U
C4-Fluoranthenes/Pyrenes	SW8270ESIM			19.1	17.5 J	13.1	21
C4-Naphthalenes	SW8270ESIM			4.4 J	15.3 J	8.9	10.6
C4-Naphthobenzothiophenes	SW8270ESIM			6.4	25.0 U	4.7 J	5.2
C4-Phenanthrenes/Anthracenes	SW8270ESIM			8	20.6 J	11.5	13.6
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			4.56 UJ	--	5.29 UJ	--
2,4'-DDE (o,p'-DDE)	SW8081B			4.56 UJ	--	5.29 UJ	--
2,4'-DDT (o,p'-DDT)	SW8081B			4.56 UJ	--	5.29 UJ	--
4,4'-DDD (p,p'-DDD)	SW8081B			4.56 UJ	--	5.29 UJ	--
4,4'-DDE (p,p'-DDE)	SW8081B			4.56 UJ	--	5.29 UJ	--
4,4'-DDT (p,p'-DDT)	SW8081B			4.56 UJ	--	5.29 UJ	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.56 UJT	--	5.29 UJT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				4.56 UJT	--	5.29 UJT	--
PH-ROD Sum DDD (U = 1/2 max limit)				4.56 UJT	--	5.29 UJT	--
PH-ROD Sum DDE (U = 1/2 max limit)				4.56 UJT	--	5.29 UJT	--
PH-ROD Sum DDT (U = 1/2 max limit)				4.56 UJT	--	5.29 UJT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	4.56 UJT	--	5.29 UJT	--
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000110 U	--	0.000135 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000384 J	--	0.000548 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000362 U	--	0.000731 J	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00200 J	--	0.003	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00132 J	--	0.00189 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.047	--	0.059	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.454	--	0.582	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00121 J	--	0.00166 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000384 J	--	0.00356 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0188	--	0.0247 J	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.105	--	0.121	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00157	--	0.00171	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00133 J	--	0.00484	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00112 J	--	0.00189 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0029	--	0.0228	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000902 J	--	0.00462	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000266 U	--	0.000534 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000221 U	--	0.000522 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00863	--	0.018	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000309 U	--	0.00418	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0237	--	0.044	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00446 J	--	0.00595 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00829 J	--	0.0164	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0153 J	--	0.0450 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0241	--	0.0479	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430	
				Sample Date	4/14/2021	4/29/2021	4/12/2021	4/30/2021
				Depth	0 - 9 in	0 - 1 ft	0 - 8.8 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622294.521	7622418.3	7622414.461	7622445.427
				Northing	706666.1873	706701.2205	706695.8555	706556.9865
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00401 JT	--	0.00815 JT	--	
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00185 JT	--	0.00549 JT	--	
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00243 JT	--	0.00591 JT	--	
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.545 JT	--	0.750 JT	--	
PCB Aroclors (µg/kg)								
Aroclor 1016	SW8082A			--	--	--	--	
Aroclor 1221	SW8082A			--	--	--	--	
Aroclor 1232	SW8082A			--	--	--	--	
Aroclor 1242	SW8082A			--	--	--	--	
Aroclor 1248	SW8082A			--	--	--	--	
Aroclor 1254	SW8082A			--	--	--	--	
Aroclor 1260	SW8082A			--	--	--	--	
Aroclor 1262	SW8082A			--	--	--	--	
Aroclor 1268	SW8082A			--	--	--	--	
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--	
PCB Congeners (µg/kg)								
PCB-001	E1668A			0.00390 J	--	0.00318 J	--	
PCB-002	E1668A			0.0101	--	0.00555	--	
PCB-003	E1668A			0.00478 J	--	0.00451 J	--	
PCB-004/010	E1668A			0.0106	--	0.00663 J	--	
PCB-005/008	E1668A			0.0213	--	0.0136	--	
PCB-006	E1668A			0.00565	--	0.00395 J	--	
PCB-007/009	E1668A			0.000863 U	--	0.000733 U	--	
PCB-011	E1668A			0.0455	--	0.0371	--	
PCB-012/013	E1668A			0.000856 U	--	0.00454 J	--	
PCB-014	E1668A			0.000852 U	--	0.000679 U	--	
PCB-015	E1668A			0.0234	--	0.0147	--	
PCB-016/032	E1668A			0.0251	--	0.0184	--	
PCB-017	E1668A			0.0184	--	0.0129	--	
PCB-018	E1668A			0.0341	--	0.0265	--	
PCB-019	E1668A			0.0107	--	0.00626 J	--	
PCB-020/021/033	E1668A			0.0316	--	0.0215	--	
PCB-022	E1668A			0.0197	--	0.0154	--	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430
				Sample ID	Sample Date	Depth	Sample Type
				4/14/2021	4/29/2021	0 - 9 in	N
				7622294.521	7622418.3	0 - 1 ft	N
				706666.1873	706701.2205	0 - 8.8 in	N
						7622414.461	7622445.427
						706695.8555	706556.9865
PCB-023	E1668A			0.000499 U	--	0.000428 U	--
PCB-024/027	E1668A			0.00429 J	--	0.00319 J	--
PCB-025	E1668A			0.0084	--	0.00631 J	--
PCB-026	E1668A			0.013	--	0.0121	--
PCB-028	E1668A			0.0673	--	0.0503	--
PCB-029	E1668A			0.000516 U	--	0.000444 U	--
PCB-030	E1668A			0.000287 U	--	0.000193 U	--
PCB-031	E1668A			0.0512	--	0.0365	--
PCB-034	E1668A			0.000507 U	--	0.000435 U	--
PCB-035	E1668A			0.00237 J	--	0.00177 J	--
PCB-036	E1668A			0.000537 U	--	0.000490 U	--
PCB-037	E1668A			0.0277	--	0.0206	--
PCB-038	E1668A			0.00493 J	--	0.00694	--
PCB-039	E1668A			0.000572 U	--	0.000522 U	--
PCB-040	E1668A			0.0178	--	0.0134 J	--
PCB-041/064/071/072	E1668A			0.082	--	0.0787	--
PCB-042/059	E1668A			0.0299	--	0.0257	--
PCB-043/049	E1668A			0.094	--	0.08	--
PCB-044	E1668A			0.0848	--	0.0738	--
PCB-045	E1668A			0.00842 J	--	0.0101	--
PCB-046	E1668A			0.00460 J	--	0.00497 J	--
PCB-047	E1668A			0.053	--	0.0414	--
PCB-048/075	E1668A			0.0168	--	0.0121	--
PCB-050	E1668A			0.000770 U	--	0.000384 U	--
PCB-051	E1668A			0.00909	--	0.00659	--
PCB-052/069	E1668A			0.11	--	0.104	--
PCB-053	E1668A			0.0164	--	0.0145	--
PCB-054	E1668A			0.00202 J	--	0.00163 J	--
PCB-055	E1668A			0.000601 U	--	0.000332 U	--
PCB-056/060	E1668A			0.0728	--	0.0611	--
PCB-057	E1668A			0.000604 U	--	0.000337 U	--
PCB-058	E1668A			0.00124 J	--	0.000336 U	--
PCB-061/070	E1668A			0.132	--	0.125	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000700 U	--	0.000365 U	--
PCB-063	E1668A			0.00549	--	0.00404 J	--
PCB-065	E1668A			0.000627 U	--	0.000327 U	--
PCB-066/076	E1668A			0.111	--	0.0918	--
PCB-067	E1668A			0.00286 J	--	0.00233 J	--
PCB-068	E1668A			0.00293 J	--	0.00194 J	--
PCB-073	E1668A			0.000895 J	--	0.000810 J	--
PCB-074	E1668A			0.0494	--	0.0402	--
PCB-077	E1668A			0.0138	--	0.0123	--
PCB-078	E1668A			0.000649 U	--	0.000410 U	--
PCB-079	E1668A			0.00329 J	--	0.00254 J	--
PCB-080	E1668A			0.000594 U	--	0.000328 U	--
PCB-081	E1668A			0.00116 J	--	0.00114 J	--
PCB-082	E1668A			0.0226 J	--	0.021	--
PCB-083	E1668A			0.000367 U	--	0.000344 U	--
PCB-084/092	E1668A			0.0806	--	0.0707	--
PCB-085/116	E1668A			0.036	--	0.0336	--
PCB-086	E1668A			0.00143 J	--	0.00168 J	--
PCB-087/117/125	E1668A			0.0672	--	0.0577	--
PCB-088/091	E1668A			0.0366	--	0.0274	--
PCB-089	E1668A			0.00292 J	--	0.00301 J	--
PCB-090/101	E1668A			0.233	--	0.193	--
PCB-093	E1668A			0.00473 J	--	0.000613 U	--
PCB-094	E1668A			0.000873 J	--	0.00107 J	--
PCB-095/098/102	E1668A			0.124	--	0.112	--
PCB-096	E1668A			0.00200 J	--	0.00118 J	--
PCB-097	E1668A			0.0502	--	0.0458	--
PCB-099	E1668A			0.112	--	0.0874	--
PCB-100	E1668A			0.0058	--	0.00290 J	--
PCB-103	E1668A			0.00423 J	--	0.00272 J	--
PCB-104	E1668A			0.000908 J	--	0.000529 J	--
PCB-105	E1668A			0.0761	--	0.0761	--
PCB-106/118	E1668A			0.183	--	0.167	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.0151	--	0.013	--
PCB-108/112	E1668A			0.00866 J	--	0.00607 J	--
PCB-110	E1668A			0.219	--	0.185	--
PCB-111/115	E1668A			0.00345 J	--	0.00397 J	--
PCB-113	E1668A			0.00204 J	--	0.000361 U	--
PCB-114	E1668A			0.00494 J	--	0.00428 J	--
PCB-119	E1668A			0.00854	--	0.00443 J	--
PCB-120	E1668A			0.000319 U	--	0.000299 U	--
PCB-121	E1668A			0.000385 U	--	0.000319 U	--
PCB-122	E1668A			0.00256 J	--	0.00246 J	--
PCB-123	E1668A			0.00575	--	0.00384 J	--
PCB-124	E1668A			0.00795	--	0.00762	--
PCB-126	E1668A			0.000983 U	--	0.00157 J	--
PCB-127	E1668A			0.000859 U	--	0.000650 U	--
PCB-128/162	E1668A			0.0466	--	0.0387	--
PCB-129	E1668A			0.0103	--	0.00937	--
PCB-130	E1668A			0.0276	--	0.0219	--
PCB-131/133	E1668A			0.00877 J	--	0.00665 J	--
PCB-132/161	E1668A			0.0745	--	0.0527	--
PCB-134/143	E1668A			0.016	--	0.0103	--
PCB-135	E1668A			0.0435	--	0.0261	--
PCB-136	E1668A			0.0442	--	0.0265	--
PCB-137	E1668A			0.0113	--	0.0112	--
PCB-138/163/164	E1668A			0.345	--	0.254	--
PCB-139/149	E1668A			0.262	--	0.172	--
PCB-140	E1668A			0.00386 J	--	0.00160 J	--
PCB-141	E1668A			0.062	--	0.043	--
PCB-142	E1668A			0.000845 U	--	0.000672 U	--
PCB-144	E1668A			0.0133	--	0.00903	--
PCB-145	E1668A			0.000147 U	--	0.000129 U	--
PCB-146/165	E1668A			0.0617	--	0.0392	--
PCB-147	E1668A			0.0114	--	0.00593 J	--
PCB-148	E1668A			0.00156 J	--	0.000190 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.00128 J	--	0.000961 J	--
PCB-151	E1668A			0.0914	--	0.0505	--
PCB-152	E1668A			0.000531 J	--	0.000402 J	--
PCB-153	E1668A			0.343	--	0.236	--
PCB-154	E1668A			0.00935	--	0.00526	--
PCB-155	E1668A			0.000325 J	--	0.000443 J	--
PCB-156	E1668A			0.0303	--	0.0228	--
PCB-157	E1668A			0.00783	--	0.00599	--
PCB-158/160	E1668A			0.0351	--	0.0286	--
PCB-159	E1668A			0.000549 U	--	0.000409 U	--
PCB-166	E1668A			0.000584 U	--	0.000434 U	--
PCB-167	E1668A			0.0128	--	0.00934	--
PCB-168	E1668A			0.000561 U	--	0.000446 U	--
PCB-169	E1668A			0.000644 U	--	0.000483 U	--
PCB-170	E1668A			0.103	--	0.0669	--
PCB-171	E1668A			0.0286	--	0.0185	--
PCB-172	E1668A			0.0166	--	0.0126	--
PCB-173	E1668A			0.000633 U	--	0.00165 J	--
PCB-174	E1668A			0.125	--	0.0726	--
PCB-175	E1668A			0.00490 J	--	0.00229 J	--
PCB-176	E1668A			0.0156	--	0.00912	--
PCB-177	E1668A			0.0759	--	0.0465	--
PCB-178	E1668A			0.026	--	0.017	--
PCB-179	E1668A			0.0584	--	0.0327	--
PCB-180	E1668A			0.254	--	0.156	--
PCB-181	E1668A			0.000508 U	--	0.00107 J	--
PCB-182/187	E1668A			0.156	--	0.0973	--
PCB-183	E1668A			0.0614	--	0.0383	--
PCB-184	E1668A			0.000841 J	--	0.000735 J	--
PCB-185	E1668A			0.0144	--	0.00702 J	--
PCB-186	E1668A			0.000353 U	--	0.000250 U	--
PCB-188	E1668A			0.000741 J	--	0.000309 J	--
PCB-189	E1668A			0.00421 J	--	0.00283 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0205	--	0.0135	--
PCB-191	E1668A			0.00453 J	--	0.00272 J	--
PCB-192	E1668A			0.000419 U	--	0.000287 U	--
PCB-193	E1668A			0.0175	--	0.00982	--
PCB-194	E1668A			0.0566	--	0.0357	--
PCB-195	E1668A			0.0207 J	--	0.0124 J	--
PCB-196/203	E1668A			0.0741	--	0.046	--
PCB-197	E1668A			0.00297 J	--	0.00150 J	--
PCB-198	E1668A			0.00282 J	--	0.00126 J	--
PCB-199	E1668A			0.0783	--	0.0489	--
PCB-200	E1668A			0.00985 J	--	0.0061	--
PCB-201	E1668A			0.00837 J	--	0.00594	--
PCB-202	E1668A			0.015	--	0.00983	--
PCB-204	E1668A			0.000370 U	--	0.000242 U	--
PCB-205	E1668A			0.00314 J	--	0.00137 J	--
PCB-206	E1668A			0.0369	--	0.0253	--
PCB-207	E1668A			0.0055	--	0.00415 J	--
PCB-208	E1668A			0.0137	--	0.0106	--
PCB-209	E1668A			0.0547	--	0.0442	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0188 JT	--	0.0132 JT	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.108 T	--	0.0812 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.320 JT	--	0.240 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				0.93 JT	--	0.811 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				1.32 JT	--	1.14 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				1.58 JT	--	1.09 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				0.989 JT	--	0.610 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.272 JT	--	0.169 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.0561 T	--	0.0401 JT	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.0547 T	--	0.0442 T	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.000869 JT	--	0.000899 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.00000606 JT	--	0.0000111 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0000703 JT	--	0.000175 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	5.6 JT	--	4.24 JT	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-019SG	USMPDI-020SC-A	USMPDI-020SG	USMPDI-024SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SG-210414	USMPDI-020SC-A-00-01-210429	USMPDI-020SG-210412	USMPDI-024SC-A-00-01-210430	
				Sample Date	4/14/2021	4/29/2021	4/12/2021	4/30/2021
				Depth	0 - 9 in	0 - 1 ft	0 - 8.8 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622294.521	7622418.3	7622414.461	7622445.427
				Northing	706666.1873	706701.2205	706695.8555	706556.9865
Total Petroleum Hydrocarbons (mg/kg)								
Diesel range hydrocarbons	NWTPHDx			33.2	14.7	53.5 J	37.5	
Motor oil range hydrocarbons	NWTPHDx			225	85.4	293	139	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
				Sample Date	4/13/2021	4/28/2021	5/4/2021
				Depth	0 - 10.3 in	0 - 1 ft	0 - 1 ft
				Sample Type	N	N	N
				Easting	7622446.004	7622508.502	7622444.829
				Northing	706557.1745	706614.1886	706414.1424
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			0.956	--	--	0.789 J
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			3.2	--	--	2.5
Total Solids	SM2540G			37.1	46.48	52.13	45
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			18.7	27.9	25.0 U	25.0 U
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			5.2	5	25.0 UJ	25.0 UJ

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
		4/13/2021	0 - 10.3 in	N	7622446.004	706557.1745	
		4/28/2021	0 - 1 ft	N	7622508.502	706614.1886	
		5/4/2021	0 - 1 ft	N	7622444.829	706414.1424	
		5/4/2021	0 - 9 in	N	7622443.552	706413.9738	
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			7.3	10.7	2.9 J	2.9 J
1-Methylphenanthrene	SW8270ESIM			16.1	27.6	11.9 J	8.8 J
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			4.3 J	7.2	25.0 UJ	25.0 UJ
2,6-Dimethylnaphthalene	SW8270ESIM			4.6 J	7.6	25.0 UJ	25.0 UJ
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			10.5	14.6	7.4 J	4.1 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			21.7	42.1	21.9 J	9.4 J
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			9.6 J	11.1	7.6 J	4.1 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			24.1	52.2	22.7 J	22.3 J
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			93.4	230 J	92.8	61.6
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			147	293	154	85.3
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			104	192	104 J	65.1 J
Benzo(e)pyrene	SW8270ESIM			107	200	102	60.2
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			157 J	302	140	72.9
Benzo(j)fluoranthene	SW8270ESIM			54.9	102	61.5 J	39.9 J
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			52.1	98	60.9	39.3
Benzothiophene	SW8270ESIM			1.7 J	1.9 J	25.0 UJ	25.0 UJ
Carbazole	SW8270ESIM			7.3	7.5	8.1 J	4.7 J
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			123	265	113	91.6
Decalin, cis-	SW8270ESIM			5.0 U	5.0 UJ	25.0 UJ	25.0 UJ
Decalin, trans-	SW8270ESIM			0.7 J	5.0 UJ	25.0 UJ	25.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			16.8	37.5 J	19.0 J	8.3 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			6.7	8.3	25.0 UJ	2.9 J
Dibenzothiophene	SW8270ESIM			11.1	22.3	7.6 J	4.6 J
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			197	374	188	150
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			14.2	30.1	13.5 J	7.4 J
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			104	185 J	105 J	51.9 J
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	22.6	25 J	17.3 J	8.7 J
Perylene	SW8270ESIM			87.6	162	181	86.3
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			88.4	189	99	60.8
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			232	438	218	157
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				211 T	390 T	226 JT	144 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	195 T	390 JT	204 JT	110 JT
PH-ROD Total HPAH (U = 1/2 max limit)				1280 JT	2500 JT	1300 JT	820 JT
PH-ROD Total LPAH (U = 1/2 max limit)				190 JT	360 JT	190 JT	120 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		1500 JT	2900 JT	1400 JT	940 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			97.6	192	73.4	11
C1-Benzo(b)thiophene	SW8270ESIM			2.5 J	2.2 J	25.0 U	5.0 U
C1-Decalins	SW8270ESIM			4.2 J	3.7 J	25.0 U	5.0 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			21.2	28.9	16.7 J	1.7 J
C1-Dibenzothiophenes	SW8270ESIM			12.1	23.2	5.6 J	0.8 J
C1-Fluoranthenes/Pyrenes	SW8270ESIM			116	166	91.5	12.5
C1-Fluorenes	SW8270ESIM			12.4	19	7.0 J	1.1 J
C1-Naphthalenes	SW8270ESIM			11.8	15.2	7.7 J	1.0 J
C1-Naphthobenzothiophenes	SW8270ESIM			21.6	25.7	15.4 J	5.0 U
C1-Phenanthrenes/Anthracenes	SW8270ESIM			56.1	109	46.1	6.7
C2-Benzanthracenes/Chrysenes	SW8270ESIM			43.6	79.3	31.7	4.4 J
C2-Benzo(b)thiophene	SW8270ESIM			3.2 J	4.5 J	25.0 U	5.0 U
C2-Decalins	SW8270ESIM			24	16.3	9.0 J	1.3 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			4/13/2021	4/28/2021	5/4/2021	5/4/2021
C2-Dibenzothiophenes	SW8270ESIM			0 - 10.3 in	0 - 1 ft	0 - 1 ft	0 - 9 in
C2-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N	N
C2-Fluorenes	SW8270ESIM			7622446.004	7622508.502	7622444.829	7622443.552
C2-Naphthalenes	SW8270ESIM			706557.1745	706614.1886	706414.1424	706413.9738
C2-Naphthobenzothiophenes	SW8270ESIM						
C2-Phenanthrenes/Anthracenes	SW8270ESIM			4.1 J	6.2	25.0 U	5.0 U
C3-Benzanthracenes/Chrysenes	SW8270ESIM			16.2	32.4	11.9 J	1.6 J
C3-Benzo(b)thiophene	SW8270ESIM			56	70.1	41.5	5.7
C3-Decalins	SW8270ESIM			12.3	22	7.9 J	1.3 J
C3-Dibenz(a,h)anthracenes	SW8270ESIM			16.8	25.8	10.9 J	1.6 J
C3-Dibenzothiophenes	SW8270ESIM			16.9	14.4	25.0 U	5.0 U
C3-Fluoranthenes/Pyrenes	SW8270ESIM			57.2	93.6	40.5	6.6
C3-Fluorenes	SW8270ESIM			29.4	35.8	15.8 J	2.3 J
C3-Naphthalenes	SW8270ESIM			2.8 J	4.8 J	25.0 U	5.0 U
C3-Naphthobenzothiophenes	SW8270ESIM			10.8	19.2	25.0 U	5.0 U
C3-Phenanthrenes/Anthracenes	SW8270ESIM			3.0 J	2.5 J	25.0 U	5.0 U
C4-Benzanthracenes/Chrysenes	SW8270ESIM			15.8	27.2	10.0 J	1.9 J
C4-Decalins	SW8270ESIM			25.6	26.1	22.5 J	2.4 J
C4-Dibenzothiophenes	SW8270ESIM			14.9	25.2	6.9 J	1.5 J
C4-Fluoranthenes/Pyrenes	SW8270ESIM			14	27.1	8.8 J	1.4 J
C4-Fluorenes	SW8270ESIM			11.9	7.8	14.4 J	5.0 U
C4-Naphthalenes	SW8270ESIM			27.7	63.1	34.3	3.1 J
C4-Naphthobenzothiophenes	SW8270ESIM			11.8	10.2	8.5 J	1.1 J
C4-Phenanthrenes/Anthracenes	SW8270ESIM			1.6 J	5.0 U	25.0 U	5.0 U
Pesticides (µg/kg)				5.0 U	5.0 U	25.0 U	5.0 U
2,4'-DDD (o,p'-DDD)	SW8081B			46.1	20.6	14.4 J	2.1 J
2,4'-DDE (o,p'-DDE)	SW8081B			5	19.4	9.6 J	1.2 J
2,4'-DDT (o,p'-DDT)	SW8081B			9.2	5.4	25.0 U	5.0 U
4,4'-DDD (p,p'-DDD)	SW8081B			14.1	17.5	10.3 J	1.5 J
4,4'-DDE (p,p'-DDE)	SW8081B						
4,4'-DDT (p,p'-DDT)	SW8081B			5.19 U	--	--	4.30 U
				6.23 U	--	--	4.30 UJ
				5.19 U	--	--	4.30 UJ
				5.19 U	--	--	4.30 U
				5.19 U	--	--	4.30 U
				5.19 U	--	--	4.30 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				6.23 UT	--	--	4.30 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				5.19 UT	--	--	4.30 UT
PH-ROD Sum DDD (U = 1/2 max limit)				5.19 UT	--	--	4.30 UT
PH-ROD Sum DDE (U = 1/2 max limit)				6.23 UT	--	--	4.30 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				5.19 UT	--	--	4.30 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	6.23 UT	--	--	4.30 UJT
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000103 U	--	--	0.0000498 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000267 U	--	--	0.000237 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000437 U	--	--	0.000202 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000997 J	--	--	0.000205 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000427 U	--	--	0.000221 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.021	--	--	0.0026
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.194	--	--	0.0218
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000103 U	--	--	0.0000498 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000267 U	--	--	0.000237 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00683 J	--	--	0.000391
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0504	--	--	0.00606
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000525	--	--	0.0000584 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000227 U	--	--	0.000150 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000377 J	--	--	0.000125 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000960 J	--	--	0.000191 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000292 UJ	--	--	0.0000994 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000571 U	--	--	0.000154 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000478 U	--	--	0.000112 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00474	--	--	0.000471 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000260 U	--	--	0.000162 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0153	--	--	0.000906 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00144	--	--	0.0000970 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00300 J	--	--	0.000402 J
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00534 J	--	--	0.000751 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0154	--	--	0.00124

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
				Sample Date	4/13/2021	4/28/2021	5/4/2021
				Depth	0 - 10.3 in	0 - 1 ft	0 - 1 ft
				Sample Type	N	N	N
				Easting	7622446.004	7622508.502	7622444.829
				Northing	706557.1745	706614.1886	706414.1424
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00139 JT	--	--	0.000315 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000780 JT	--	--	0.000284 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000981 JT	--	--	0.000277 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.239 JT	--	--	0.0269 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.00325 J	--	--	0.00551
PCB-002	E1668A			0.00828	--	--	0.0123
PCB-003	E1668A			0.00556	--	--	0.00831
PCB-004/010	E1668A			0.00747 J	--	--	0.0127
PCB-005/008	E1668A			0.0148	--	--	0.0303
PCB-006	E1668A			0.00352 J	--	--	0.00809 J
PCB-007/009	E1668A			0.00127 U	--	--	0.00123 U
PCB-011	E1668A			0.0425	--	--	0.0376
PCB-012/013	E1668A			0.00142 U	--	--	0.00127 U
PCB-014	E1668A			0.00142 U	--	--	0.00126 U
PCB-015	E1668A			0.0157	--	--	0.034
PCB-016/032	E1668A			0.0183	--	--	0.0303
PCB-017	E1668A			0.0139 J	--	--	0.0227
PCB-018	E1668A			0.0299	--	--	0.0425
PCB-019	E1668A			0.00905	--	--	0.00953
PCB-020/021/033	E1668A			0.0238	--	--	0.0453
PCB-022	E1668A			0.016	--	--	0.0279

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			0.000792 U	--	--	0.000675 U
PCB-024/027	E1668A			0.00363 J	--	--	0.00524 J
PCB-025	E1668A			0.00663	--	--	0.00998 J
PCB-026	E1668A			0.00963	--	--	0.019
PCB-028	E1668A			0.0562	--	--	0.09
PCB-029	E1668A			0.000821 U	--	--	0.000699 U
PCB-030	E1668A			0.000509 U	--	--	0.000377 U
PCB-031	E1668A			0.0344	--	--	0.0709
PCB-034	E1668A			0.000805 U	--	--	0.000686 U
PCB-035	E1668A			0.00144 J	--	--	0.00256 J
PCB-036	E1668A			0.000955 U	--	--	0.000624 U
PCB-037	E1668A			0.0204	--	--	0.0395
PCB-038	E1668A			0.00552	--	--	0.000476 J
PCB-039	E1668A			0.00102 U	--	--	0.000788 J
PCB-040	E1668A			0.0146	--	--	0.0246
PCB-041/064/071/072	E1668A			0.0627	--	--	0.107
PCB-042/059	E1668A			0.0241	--	--	0.037
PCB-043/049	E1668A			0.0745	--	--	0.115
PCB-044	E1668A			0.073	--	--	0.137
PCB-045	E1668A			0.00778 J	--	--	0.0153
PCB-046	E1668A			0.00384 J	--	--	0.00587
PCB-047	E1668A			0.0398	--	--	0.0504
PCB-048/075	E1668A			0.0124	--	--	0.0191
PCB-050	E1668A			0.00108 U	--	--	0.000933 J
PCB-051	E1668A			0.00675	--	--	0.00841
PCB-052/069	E1668A			0.1	--	--	0.198
PCB-053	E1668A			0.0112 J	--	--	0.0178
PCB-054	E1668A			0.00113 J	--	--	0.00133 J
PCB-055	E1668A			0.000862 U	--	--	0.000476 J
PCB-056/060	E1668A			0.05	--	--	0.0748
PCB-057	E1668A			0.000863 U	--	--	0.000909 J
PCB-058	E1668A			0.000859 U	--	--	0.000734 J
PCB-061/070	E1668A			0.117	--	--	0.207

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.00100 U	--	--	0.00104 U
PCB-063	E1668A			0.00330 J	--	--	0.00544
PCB-065	E1668A			0.000899 U	--	--	0.000931 U
PCB-066/076	E1668A			0.0819	--	--	0.126
PCB-067	E1668A			0.00205 J	--	--	0.00402 J
PCB-068	E1668A			0.000876 U	--	--	0.00161 J
PCB-073	E1668A			0.000889 U	--	--	0.000866 U
PCB-074	E1668A			0.0378	--	--	0.0598
PCB-077	E1668A			0.0109	--	--	0.0307
PCB-078	E1668A			0.000945 U	--	--	0.000862 U
PCB-079	E1668A			0.00230 J	--	--	0.00535
PCB-080	E1668A			0.000851 U	--	--	0.000758 U
PCB-081	E1668A			0.00129 J	--	--	0.00192 J
PCB-082	E1668A			0.0203	--	--	0.046
PCB-083	E1668A			0.000630 U	--	--	0.000600 U
PCB-084/092	E1668A			0.0727	--	--	0.165
PCB-085/116	E1668A			0.0343	--	--	0.0682
PCB-086	E1668A			0.000926 U	--	--	0.000883 U
PCB-087/117/125	E1668A			0.0617	--	--	0.146
PCB-088/091	E1668A			0.0278 J	--	--	0.0513 J
PCB-089	E1668A			0.000948 U	--	--	0.00211 J
PCB-090/101	E1668A			0.202	--	--	0.425
PCB-093	E1668A			0.013	--	--	0.00390 J
PCB-094	E1668A			0.00205 J	--	--	0.00308 J
PCB-095/098/102	E1668A			0.105	--	--	0.255
PCB-096	E1668A			0.00189 J	--	--	0.00266 J
PCB-097	E1668A			0.0507	--	--	0.113
PCB-099	E1668A			0.0948	--	--	0.189
PCB-100	E1668A			0.00385 J	--	--	0.00319 J
PCB-103	E1668A			0.00313 J	--	--	0.00534 J
PCB-104	E1668A			0.000495 J	--	--	0.000643 U
PCB-105	E1668A			0.0748	--	--	0.204
PCB-106/118	E1668A			0.168	--	--	0.434

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.0136	--	--	0.0284
PCB-108/112	E1668A			0.00727 J	--	--	0.0158
PCB-110	E1668A			0.196	--	--	0.47
PCB-111/115	E1668A			0.00280 J	--	--	0.00763 J
PCB-113	E1668A			0.000667 U	--	--	0.00228 J
PCB-114	E1668A			0.00330 J	--	--	0.0168
PCB-119	E1668A			0.00582	--	--	0.00952
PCB-120	E1668A			0.000547 U	--	--	0.000521 U
PCB-121	E1668A			0.000441 J	--	--	0.000750 J
PCB-122	E1668A			0.00258 J	--	--	0.00470 J
PCB-123	E1668A			0.00414 J	--	--	0.0125
PCB-124	E1668A			0.00799	--	--	0.019
PCB-126	E1668A			0.00159 J	--	--	0.0165
PCB-127	E1668A			0.00120 U	--	--	0.00127 U
PCB-128/162	E1668A			0.0451	--	--	0.105
PCB-129	E1668A			0.0104	--	--	0.0219 J
PCB-130	E1668A			0.0196	--	--	0.037
PCB-131/133	E1668A			0.00740 J	--	--	0.0139 J
PCB-132/161	E1668A			0.0623	--	--	0.131
PCB-134/143	E1668A			0.0118	--	--	0.0252
PCB-135	E1668A			0.0356	--	--	0.0497
PCB-136	E1668A			0.0379	--	--	0.0526
PCB-137	E1668A			0.0114	--	--	0.0298
PCB-138/163/164	E1668A			0.293	--	--	0.549
PCB-139/149	E1668A			0.22	--	--	0.326
PCB-140	E1668A			0.00228 J	--	--	0.00303 J
PCB-141	E1668A			0.0523	--	--	0.084
PCB-142	E1668A			0.00122 U	--	--	0.00212 U
PCB-144	E1668A			0.0125	--	--	0.0136 J
PCB-145	E1668A			0.000243 U	--	--	0.000425 U
PCB-146/165	E1668A			0.0479	--	--	0.0753
PCB-147	E1668A			0.00909	--	--	0.0144
PCB-148	E1668A			0.000880 J	--	--	0.000627 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.00111 J	--	--	0.00121 J
PCB-151	E1668A			0.0664	--	--	0.0914
PCB-152	E1668A			0.000235 U	--	--	0.000410 U
PCB-153	E1668A			0.272	--	--	0.459
PCB-154	E1668A			0.00545	--	--	0.00742
PCB-155	E1668A			0.000649 J	--	--	0.000490 U
PCB-156	E1668A			0.0272	--	--	0.0852
PCB-157	E1668A			0.00775	--	--	0.0329
PCB-158/160	E1668A			0.0315	--	--	0.0636
PCB-159	E1668A			0.000717 U	--	--	0.00130 U
PCB-166	E1668A			0.000763 U	--	--	0.00138 U
PCB-167	E1668A			0.0124	--	--	0.0288
PCB-168	E1668A			0.000812 U	--	--	0.00141 U
PCB-169	E1668A			0.000856 U	--	--	0.0128 J
PCB-170	E1668A			0.0744	--	--	0.118
PCB-171	E1668A			0.0182	--	--	0.03
PCB-172	E1668A			0.0137	--	--	0.0198
PCB-173	E1668A			0.000687 U	--	--	0.00165 J
PCB-174	E1668A			0.0775	--	--	0.119
PCB-175	E1668A			0.00335 J	--	--	0.00362 J
PCB-176	E1668A			0.0102	--	--	0.0122 J
PCB-177	E1668A			0.0497	--	--	0.0667
PCB-178	E1668A			0.0205	--	--	0.0288
PCB-179	E1668A			0.0392	--	--	0.051
PCB-180	E1668A			0.181	--	--	0.287
PCB-181	E1668A			0.000697 J	--	--	0.00196 J
PCB-182/187	E1668A			0.117	--	--	0.146
PCB-183	E1668A			0.0441	--	--	0.062
PCB-184	E1668A			0.000513 U	--	--	0.000628 U
PCB-185	E1668A			0.00845	--	--	0.012
PCB-186	E1668A			0.000475 U	--	--	0.000581 U
PCB-188	E1668A			0.000509 U	--	--	0.000623 U
PCB-189	E1668A			0.00294 J	--	--	0.0251

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SG-210413	USMPDI-025SC-A-00-01-210428	USMPDI-028SC-A-00-01-210504	USMPDI-028SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0162	--	--	0.0277
PCB-191	E1668A			0.00312 J	--	--	0.0073
PCB-192	E1668A			0.000454 U	--	--	0.000678 U
PCB-193	E1668A			0.0121	--	--	0.0211
PCB-194	E1668A			0.0425	--	--	0.0564
PCB-195	E1668A			0.0161	--	--	0.0219
PCB-196/203	E1668A			0.0619	--	--	0.0815
PCB-197	E1668A			0.000662 J	--	--	0.00196 J
PCB-198	E1668A			0.00316 J	--	--	0.00393 J
PCB-199	E1668A			0.0668	--	--	0.0856
PCB-200	E1668A			0.00659	--	--	0.00891
PCB-201	E1668A			0.00517	--	--	0.00953
PCB-202	E1668A			0.0116 J	--	--	0.0187
PCB-204	E1668A			0.000436 U	--	--	0.000295 U
PCB-205	E1668A			0.00236 J	--	--	0.00265 J
PCB-206	E1668A			0.0339	--	--	0.0406
PCB-207	E1668A			0.00519	--	--	0.00649
PCB-208	E1668A			0.0125	--	--	0.015
PCB-209	E1668A			0.0528	--	--	0.0439
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0171 JT	--	--	0.0261 T
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.0860 JT	--	--	0.125 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.251 JT	--	--	0.418 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				0.74 JT	--	--	1.26 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				1.18 JT	--	--	2.7 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				1.3 JT	--	--	2.32 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				0.694 JT	--	--	1.04 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.217 JT	--	--	0.291 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.0516 T	--	--	0.0621 T
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.0528 T	--	--	0.0439 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.000847 JT	--	--	0.00343 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000112 JT	--	--	0.0000914 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000182 JT	--	--	0.00206 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	4.6 JT	--	--	8.3 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-024SG	USMPDI-025SC-A	USMPDI-028SC-A	USMPDI-028SG
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-024SG-210413	4/13/2021	0 - 10.3 in	N	7622446.004	706557.1745	
	USMPDI-025SC-A-00-01-210428	4/28/2021	0 - 1 ft	N	7622508.502	706614.1886	
	USMPDI-028SC-A-00-01-210504	5/4/2021	0 - 1 ft	N	7622444.829	706414.1424	
	USMPDI-028SG-210504	5/4/2021	0 - 9 in	N	7622443.552	706413.9738	
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			54.4	36.5	19.8	19.2
Motor oil range hydrocarbons	NWTPHDx			382	187	126	114

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample ID	Sample Date	Depth	Sample Type
				4/30/2021	4/14/2021	5/3/2021	5/4/2021
				0 - 1 ft	0 - 9.3 in	0 - 1 ft	0 - 8 in
				N	N	N	N
				Easting	7622529.948	7622530.926	7622451.497
				Northing	706481.06	706480.0187	706316.6857
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			--	1.23	--	0.762 J
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			--	4	--	1.6
Total Solids	SM2540G			49.14	32.9 J	58.75	57.7
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			15.7	8.7	25.6	25.0 U
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			3.2 J	3.6 J	25.0 UJ	25.0 UJ

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample Date	4/30/2021	4/14/2021	5/3/2021
				Depth	0 - 1 ft	0 - 9.3 in	0 - 1 ft
				Sample Type	N	N	N
				Easting	7622529.948	7622530.926	7622451.497
				Northing	706481.06	706480.0187	706316.6857
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			4.6 J	4.5 J	2.5 J	3.3 J
1-Methylphenanthrene	SW8270ESIM			13.4	7.8	11.9 J	8.5 J
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			3.0 J	2.3 J	25.0 UJ	25.0 UJ
2,6-Dimethylnaphthalene	SW8270ESIM			2.9 J	1.8 J	25.0 UJ	25.0 UJ
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			6.9 J	5.8	5.7 J	4.3 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			19.9 J	10.2	25.6 J	48.3 J
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			2.3 J	4.7 J	7.1 J	6.6 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			25.4	14.1	27.3	20.5 J
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			77.8	44.9	155	96.5
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			119	65.6	233	135
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			56.1 J	46	206 J	96.4 J
Benzo(e)pyrene	SW8270ESIM			71.6	46.1	159	92
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			93.3	65.5	199	110
Benzo(j)fluoranthene	SW8270ESIM			29.4 J	25.1	98.9 J	58.1 J
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			33.4	24.6	86.5	58.5
Benzothiophene	SW8270ESIM			1.1 J	1.1 J	25.0 UJ	25.0 UJ
Carbazole	SW8270ESIM			5.0 U	3.5 J	17.0 J	9.8 J
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			99.8	58.5	186	121
Decalin, cis-	SW8270ESIM			5.0 UJ	5.0 U	25.0 UJ	25.0 UJ
Decalin, trans-	SW8270ESIM			5.0 UJ	5.0 U	25.0 UJ	25.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			3.3 J	6.8	36.1 J	19.3 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample Date	4/30/2021	4/14/2021	5/3/2021
				Depth	0 - 1 ft	0 - 9.3 in	0 - 1 ft
				Sample Type	N	N	N
				Easting	7622529.948	7622530.926	7622451.497
				Northing	706481.06	706480.0187	706316.6857
Dibenzofuran	SW8270ESIM			5.4 J	3.5 J	6.9 J	35.5 J
Dibenzothiophene	SW8270ESIM			8.8	6.7 J	6.6 J	25.0 U
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			185	108	265	189
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			15.9 J	7.7	13.8 J	44.7 J
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			47.3 J	41.3	166 J	86.0 J
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	13.9 J	14	14.2 J	8.6 J
Perylene	SW8270ESIM			133	34	153	97.8
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			96.9	53.6	125	105
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			217	126	269	199
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				119 JT	95.7 T	391 JT	213 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	140 JT	86 T	323 JT	183 JT
PH-ROD Total HPAH (U = 1/2 max limit)				960 JT	610 T	1900 JT	1200 JT
PH-ROD Total LPAH (U = 1/2 max limit)				180 JT	110 JT	220 JT	240 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		1100 JT	720 JT	2100 JT	1400 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			62.1	35.4	113	15.1
C1-Benzo(b)thiophene	SW8270ESIM			0.9 J	2.4 J	3.3 J	5.0 U
C1-Decalins	SW8270ESIM			4.1 J	2.5 J	25.0 U	5.0 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			3.9 J	9.8	37.9	3.0 J
C1-Dibenzothiophenes	SW8270ESIM			10.4	6.2	4.2 J	1.2 J
C1-Fluoranthenes/Pyrenes	SW8270ESIM			90.2	51.9	109	15.3
C1-Fluorenes	SW8270ESIM			10	5.8	6.5 J	1.3 J
C1-Naphthalenes	SW8270ESIM			7.5	6.2	6.1 J	1.1 J
C1-Naphthobenzothiophenes	SW8270ESIM			17.3	9.1	18.7 J	5.0 U
C1-Phenanthrenes/Anthracenes	SW8270ESIM			60.4	29.7	47.7	7.2
C2-Benzanthracenes/Chrysenes	SW8270ESIM			35.6	15.2	56.8	6
C2-Benzo(b)thiophene	SW8270ESIM			3.8 J	2.2 J	25.0 U	5.0 U
C2-Decalins	SW8270ESIM			10.3	9.8	6.6 J	5.0 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			4/30/2021	4/14/2021	5/3/2021	5/4/2021
C2-Dibenzothiophenes	SW8270ESIM			0 - 1 ft	0 - 9.3 in	0 - 1 ft	0 - 8 in
C2-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N	N
C2-Fluorenes	SW8270ESIM			7622529.948	7622530.926	7622451.497	7622452.029
C2-Naphthalenes	SW8270ESIM			706481.06	706480.0187	706316.6857	706315.252
C2-Naphthobenzothiophenes	SW8270ESIM						
C2-Phenanthrenes/Anthracenes	SW8270ESIM						
C3-Benzanthracenes/Chrysenes	SW8270ESIM						
C3-Benzo(b)thiophene	SW8270ESIM						
C3-Decalins	SW8270ESIM						
C3-Dibenz(a,h)anthracenes	SW8270ESIM						
C3-Dibenzothiophenes	SW8270ESIM						
C3-Fluoranthenes/Pyrenes	SW8270ESIM						
C3-Fluorenes	SW8270ESIM						
C3-Naphthalenes	SW8270ESIM						
C3-Naphthobenzothiophenes	SW8270ESIM						
C3-Phenanthrenes/Anthracenes	SW8270ESIM						
C4-Benzanthracenes/Chrysenes	SW8270ESIM						
C4-Decalins	SW8270ESIM						
C4-Dibenzothiophenes	SW8270ESIM						
C4-Fluoranthenes/Pyrenes	SW8270ESIM						
C4-Naphthalenes	SW8270ESIM						
C4-Naphthobenzothiophenes	SW8270ESIM						
C4-Phenanthrenes/Anthracenes	SW8270ESIM						
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	6.05 UJ	--	3.41 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			--	6.05 UJ	--	3.41 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			--	6.05 UJ	--	3.41 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			--	6.05 UJ	--	3.41 UJ
4,4'-DDE (p,p'-DDE)	SW8081B			--	6.05 UJ	--	3.41 UJ
4,4'-DDT (p,p'-DDT)	SW8081B			--	6.05 UJ	--	7.99 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample ID	Sample Date	Depth	Sample Type
				4/30/2021	0 - 1 ft	N	Easting
				7622529.948	706481.06		Northing
				7622530.926	706480.0187		
				7622451.497	706316.6857		
				7622452.029	706315.252		
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	6.05 UJT	--	3.41 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	6.05 UJT	--	11.4 JT
PH-ROD Sum DDD (U = 1/2 max limit)				--	6.05 UJT	--	3.41 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				--	6.05 UJT	--	3.41 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				--	6.05 UJT	--	9.70 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	6.05 UJT	--	16.5 JT
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.0000981 U	--	0.0000541 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000532 J	--	0.000143 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000763 J	--	0.000176 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00306	--	0.000998 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00185 J	--	0.000427 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0623	--	0.0195
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.603	--	0.194
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00175 J	--	0.000648 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00343 J	--	0.000549 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0285 J	--	0.00593 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.131	--	0.0461
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.00104	--	0.0012
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00149 J	--	0.000955 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.000953 J	--	0.000608 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0038	--	0.00191 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00153 J	--	0.000616 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000309 U	--	0.000233 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000323 J	--	0.000386 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0165	--	0.00484
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00130 J	--	0.000492 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0419	--	0.0101
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.00419 J	--	0.00323 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.01000 J	--	0.00534 J
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0201 J	--	0.00853 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0434	--	0.0124 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample Date	4/30/2021	4/14/2021	5/3/2021
				Depth	0 - 1 ft	0 - 9.3 in	0 - 1 ft
				Sample Type	N	N	N
				Easting	7622529.948	7622530.926	7622451.497
				Northing	706481.06	706480.0187	706316.6857
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.00386 JT	--	0.00253 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00250 JT	--	0.00104 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00316 JT	--	0.00126 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.741 JT	--	0.236 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	0.00458 J	--	0.00419 J
PCB-002	E1668A			--	0.0101	--	0.00702
PCB-003	E1668A			--	0.00617	--	0.0057
PCB-004/010	E1668A			--	0.00716 J	--	0.0113 J
PCB-005/008	E1668A			--	0.0129	--	0.0345 J
PCB-006	E1668A			--	0.00353 J	--	0.00728 J
PCB-007/009	E1668A			--	0.000777 U	--	0.00184 U
PCB-011	E1668A			--	0.0451	--	0.0226
PCB-012/013	E1668A			--	0.00526 J	--	0.00164 U
PCB-014	E1668A			--	0.000819 U	--	0.00164 U
PCB-015	E1668A			--	0.0151	--	0.0395
PCB-016/032	E1668A			--	0.0177	--	0.0395
PCB-017	E1668A			--	0.0137	--	0.0289
PCB-018	E1668A			--	0.0243	--	0.0548
PCB-019	E1668A			--	0.00625	--	0.00889
PCB-020/021/033	E1668A			--	0.0205	--	0.0526
PCB-022	E1668A			--	0.0159	--	0.0318

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample ID	Sample Date	Depth	Sample Type
				4/30/2021	0 - 1 ft	N	
				Easting	7622529.948	7622451.497	7622452.029
				Northing	706481.06	706316.6857	706315.252
PCB-023	E1668A			--	0.000561 U	--	0.000597 U
PCB-024/027	E1668A			--	0.00287 J	--	0.00619 J
PCB-025	E1668A			--	0.00623	--	0.00771
PCB-026	E1668A			--	0.00867	--	0.0141
PCB-028	E1668A			--	0.0562	--	0.0878
PCB-029	E1668A			--	0.000581 U	--	0.000618 U
PCB-030	E1668A			--	0.000271 U	--	0.000410 U
PCB-031	E1668A			--	0.0335	--	0.0643
PCB-034	E1668A			--	0.000570 U	--	0.000607 U
PCB-035	E1668A			--	0.00154 J	--	0.000521 U
PCB-036	E1668A			--	0.000578 U	--	0.000510 U
PCB-037	E1668A			--	0.02	--	0.0355
PCB-038	E1668A			--	0.00935	--	0.000519 U
PCB-039	E1668A			--	0.000616 U	--	0.000543 U
PCB-040	E1668A			--	0.013	--	0.0193
PCB-041/064/071/072	E1668A			--	0.0662	--	0.0811
PCB-042/059	E1668A			--	0.0204	--	0.0328
PCB-043/049	E1668A			--	0.0758	--	0.0753
PCB-044	E1668A			--	0.0699	--	0.0867
PCB-045	E1668A			--	0.00939	--	0.0166
PCB-046	E1668A			--	0.00385 J	--	0.00660 J
PCB-047	E1668A			--	0.0348	--	0.0342
PCB-048/075	E1668A			--	0.0116	--	0.0162
PCB-050	E1668A			--	0.000357 J	--	0.000670 U
PCB-051	E1668A			--	0.00478 J	--	0.00530 J
PCB-052/069	E1668A			--	0.102	--	0.0982
PCB-053	E1668A			--	0.0112	--	0.017
PCB-054	E1668A			--	0.00104 J	--	0.000901 J
PCB-055	E1668A			--	0.00151 J	--	0.000403 J
PCB-056/060	E1668A			--	0.0467	--	0.0503
PCB-057	E1668A			--	0.000432 U	--	0.000627 J
PCB-058	E1668A			--	0.000579 J	--	0.000552 J
PCB-061/070	E1668A			--	0.118	--	0.094

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample ID	Sample Date	Depth	Sample Type
				4/30/2021	4/14/2021	5/3/2021	5/4/2021
				0 - 1 ft	0 - 9.3 in	0 - 1 ft	0 - 8 in
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622529.948	7622530.926	7622451.497	7622452.029
				Northing	Northing	Northing	Northing
				706481.06	706480.0187	706316.6857	706315.252
PCB-062	E1668A			--	0.000432 U	--	0.000596 U
PCB-063	E1668A			--	0.00373 J	--	0.00333 J
PCB-065	E1668A			--	0.000387 U	--	0.000533 U
PCB-066/076	E1668A			--	0.0839	--	0.0704
PCB-067	E1668A			--	0.00237 J	--	0.00225 J
PCB-068	E1668A			--	0.00154 J	--	0.000520 U
PCB-073	E1668A			--	0.000711 J	--	0.000447 J
PCB-074	E1668A			--	0.0357	--	0.0341
PCB-077	E1668A			--	0.0118	--	0.0134
PCB-078	E1668A			--	0.000523 U	--	0.000561 U
PCB-079	E1668A			--	0.00275 J	--	0.00169 J
PCB-080	E1668A			--	0.000430 U	--	0.000479 U
PCB-081	E1668A			--	0.000580 J	--	0.000537 J
PCB-082	E1668A			--	0.0203	--	0.0175
PCB-083	E1668A			--	0.000247 U	--	0.000451 U
PCB-084/092	E1668A			--	0.0779	--	0.0657
PCB-085/116	E1668A			--	0.0374	--	0.0246
PCB-086	E1668A			--	0.000931 J	--	0.000559 J
PCB-087/117/125	E1668A			--	0.0644	--	0.0497
PCB-088/091	E1668A			--	0.03	--	0.0235
PCB-089	E1668A			--	0.00221 J	--	0.00171 J
PCB-090/101	E1668A			--	0.209	--	0.145
PCB-093	E1668A			--	0.00672	--	0.00384 J
PCB-094	E1668A			--	0.00117 J	--	0.00184 J
PCB-095/098/102	E1668A			--	0.12	--	0.1
PCB-096	E1668A			--	0.00164 J	--	0.00174 J
PCB-097	E1668A			--	0.0503	--	0.0372
PCB-099	E1668A			--	0.0935	--	0.0622
PCB-100	E1668A			--	0.00239 J	--	0.00176 J
PCB-103	E1668A			--	0.00264 J	--	0.00207 J
PCB-104	E1668A			--	0.000326 J	--	0.000428 U
PCB-105	E1668A			--	0.0782	--	0.0532
PCB-106/118	E1668A			--	0.18	--	0.12

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			--	0.0143	--	0.0104
PCB-108/112	E1668A			--	0.00709 J	--	0.00545 J
PCB-110	E1668A			--	0.211	--	0.16
PCB-111/115	E1668A			--	0.00306 J	--	0.00262 J
PCB-113	E1668A			--	0.000679 J	--	0.000446 U
PCB-114	E1668A			--	0.00443 J	--	0.00439 J
PCB-119	E1668A			--	0.00591	--	0.00299 J
PCB-120	E1668A			--	0.000214 U	--	0.000392 U
PCB-121	E1668A			--	0.000224 U	--	0.000402 J
PCB-122	E1668A			--	0.00313 J	--	0.00110 U
PCB-123	E1668A			--	0.00427 J	--	0.00351 J
PCB-124	E1668A			--	0.00883	--	0.00599
PCB-126	E1668A			--	0.00177 J	--	0.00491 J
PCB-127	E1668A			--	0.000766 U	--	0.000900 U
PCB-128/162	E1668A			--	0.0483	--	0.032
PCB-129	E1668A			--	0.0114	--	0.00753
PCB-130	E1668A			--	0.0215	--	0.0158
PCB-131/133	E1668A			--	0.00782 J	--	0.00685 J
PCB-132/161	E1668A			--	0.0614	--	0.049
PCB-134/143	E1668A			--	0.0132	--	0.00973 J
PCB-135	E1668A			--	0.0318	--	0.0213
PCB-136	E1668A			--	0.0303	--	0.0258
PCB-137	E1668A			--	0.0146	--	0.00713 J
PCB-138/163/164	E1668A			--	0.307	--	0.194
PCB-139/149	E1668A			--	0.189	--	0.131
PCB-140	E1668A			--	0.00210 J	--	0.000599 U
PCB-141	E1668A			--	0.0485	--	0.038
PCB-142	E1668A			--	0.000732 U	--	0.00150 U
PCB-144	E1668A			--	0.0114	--	0.00602
PCB-145	E1668A			--	0.000127 U	--	0.000398 U
PCB-146/165	E1668A			--	0.046	--	0.0282
PCB-147	E1668A			--	0.0067	--	0.00426 J
PCB-148	E1668A			--	0.000740 J	--	0.000587 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			--	0.000753 J	--	0.000418 U
PCB-151	E1668A			--	0.0584	--	0.0413
PCB-152	E1668A			--	0.000211 J	--	0.000384 U
PCB-153	E1668A			--	0.277	--	0.163
PCB-154	E1668A			--	0.00448 J	--	0.00355 J
PCB-155	E1668A			--	0.000593 J	--	0.000458 U
PCB-156	E1668A			--	0.0275	--	0.0184
PCB-157	E1668A			--	0.00726 J	--	0.00756
PCB-158/160	E1668A			--	0.0336	--	0.0211
PCB-159	E1668A			--	0.000431 U	--	0.000886 U
PCB-166	E1668A			--	0.000600 J	--	0.000942 U
PCB-167	E1668A			--	0.0131	--	0.00731
PCB-168	E1668A			--	0.000486 U	--	0.000998 U
PCB-169	E1668A			--	0.000531 U	--	0.00433 J
PCB-170	E1668A			--	0.0723	--	0.0544
PCB-171	E1668A			--	0.0209	--	0.0158
PCB-172	E1668A			--	0.0127	--	0.00884
PCB-173	E1668A			--	0.00160 J	--	0.000910 U
PCB-174	E1668A			--	0.0874	--	0.0636
PCB-175	E1668A			--	0.00299 J	--	0.00209 J
PCB-176	E1668A			--	0.00985	--	0.00855
PCB-177	E1668A			--	0.0502	--	0.0364
PCB-178	E1668A			--	0.0197	--	0.0122 J
PCB-179	E1668A			--	0.0369	--	0.0273
PCB-180	E1668A			--	0.184	--	0.132
PCB-181	E1668A			--	0.00131 J	--	0.000731 U
PCB-182/187	E1668A			--	0.116	--	0.083
PCB-183	E1668A			--	0.0437	--	0.0354
PCB-184	E1668A			--	0.00100 J	--	0.000600 U
PCB-185	E1668A			--	0.00955	--	0.00619 J
PCB-186	E1668A			--	0.000240 U	--	0.000555 U
PCB-188	E1668A			--	0.000257 U	--	0.000595 U
PCB-189	E1668A			--	0.00303 J	--	0.00635 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-00-01-210430	USMPDI-029SG-210414	USMPDI-030SC-A-00-01-210503	USMPDI-030SG-210504
				Sample Date	4/30/2021	4/14/2021	5/3/2021
				Depth	0 - 1 ft	0 - 9.3 in	0 - 1 ft
				Sample Type	N	N	N
				Easting	7622529.948	7622530.926	7622451.497
				Northing	706481.06	706480.0187	706316.6857
PCB-190	E1668A			--	0.0162	--	0.0113
PCB-191	E1668A			--	0.00298 J	--	0.00146 J
PCB-192	E1668A			--	0.000261 U	--	0.000602 U
PCB-193	E1668A			--	0.0118	--	0.00669 J
PCB-194	E1668A			--	0.0416	--	0.0304 J
PCB-195	E1668A			--	0.0185	--	0.0131
PCB-196/203	E1668A			--	0.0565	--	0.0487
PCB-197	E1668A			--	0.00176 J	--	0.000859 J
PCB-198	E1668A			--	0.00205 J	--	0.00295 J
PCB-199	E1668A			--	0.0602	--	0.0458
PCB-200	E1668A			--	0.00639	--	0.00480 J
PCB-201	E1668A			--	0.00609	--	0.00488 J
PCB-202	E1668A			--	0.0127	--	0.0104
PCB-204	E1668A			--	0.000128 U	--	0.000283 U
PCB-205	E1668A			--	0.00253 J	--	0.000962 J
PCB-206	E1668A			--	0.0395	--	0.0375
PCB-207	E1668A			--	0.0051	--	0.00424 J
PCB-208	E1668A			--	0.0152	--	0.0124
PCB-209	E1668A			--	0.0623	--	0.0233
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	0.0209 JT	--	0.0169 JT
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	0.0898 JT	--	0.118 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	0.238 JT	--	0.434 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	0.735 JT	--	0.764 JT
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	1.2 JT	--	0.91 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	1.28 JT	--	0.847 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	0.704 JT	--	0.514 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	0.208 JT	--	0.163 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0598 T	--	0.0541 JT
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0623 T	--	0.0233 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.00084 JT	--	0.0012 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.000012 JT	--	0.000027 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00020 JT	--	0.00063 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	4.6 JT	--	3.8 JT

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SG	USMPDI-030SC-A	USMPDI-030SG
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-029SC-A-00-01-210430	4/30/2021	0 - 1 ft	N	7622529.948	706481.06	
				N	7622530.926	706480.0187	
				N	7622451.497	706316.6857	
				N	7622452.029	706315.252	
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			28.1	59.5	24.2	16.4
Motor oil range hydrocarbons	NWTPHDx			142	403	155	104

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
				Sample ID	Sample Date	Depth	Sample Type
				5/4/2021	0 - 1 ft	N	
				7622534.339	706378.1959	7622532.883	706377.4269
				7622685.33	706496.1578	7622559.413	706207.272
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			--	0.948 J	--	--
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			--	2.4	--	--
Total Solids	SM2540G			54.8	44.3	43.68	52.64
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			25.0 U	25.0 U	65.7	25.0 U
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			25.0 UJ	25.0 UJ	8.7 J	25.0 UJ

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Sample ID	Sample Date	Depth	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
				5/4/2021	5/4/2021	4/27/2021	5/4/2021
				0 - 1 ft	0 - 10 in	0 - 1 ft	0 - 1 ft
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622534.339	7622532.883	7622685.33	7622559.413
				Northing	Northing	Northing	Northing
				706378.1959	706377.4269	706496.1578	706207.272
	Analytical Method	Site-Wide RAL	PTW Threshold				
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			3.6 J	3.7 J	16.2 J	5.0 J
1-Methylphenanthrene	SW8270ESIM			12.8 J	10.4 J	53	15.2 J
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			25.0 UJ	25.0 UJ	12.4 J	2.6 J
2,6-Dimethylnaphthalene	SW8270ESIM			25.0 UJ	25.0 UJ	10.8 J	3.1 J
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			7.0 J	5.8 J	21.3 J	7.4 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			19.4 J	12.3 J	68.2	17.7 J
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			8.0 J	6.1 J	23.7 J	8.2 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			23.7 J	18.1 J	85.4	32.2
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			84.6	72.5	300	107
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			139	106	481	152
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			90.1 J	65.9 J	310	108 J
Benzo(e)pyrene	SW8270ESIM			88.5	70.5	334	108
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			131	91.5	492	146
Benzo(j)fluoranthene	SW8270ESIM			53.1 J	41.8 J	172	59.7 J
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			50.4	47.5	167	61.3
Benzothiophene	SW8270ESIM			25.0 UJ	25.0 UJ	3.5 J	25.0 UJ
Carbazole	SW8270ESIM			4.8 J	4.8 J	16.0 J	8.9 J
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			101	92.2	380	139
Decalin, cis-	SW8270ESIM			25.0 UJ	25.0 UJ	25.0 UJ	25.0 UJ
Decalin, trans-	SW8270ESIM			25.0 UJ	25.0 UJ	25.0 UJ	25.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			20.0 J	16.3 J	63	19.1 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
		5/4/2021	0 - 1 ft	N	7622534.339	706378.1959	
		5/4/2021	0 - 10 in	N	7622532.883	706377.4269	
		4/27/2021	0 - 1 ft	N	7622685.33	706496.1578	
		5/4/2021	0 - 1 ft	N	7622559.413	706207.272	
Dibenzofuran	SW8270ESIM			3.5 J	3.4 J	9.5 J	4.2 J
Dibenzothiophene	SW8270ESIM			8.7 J	25.0 U	46.7	8.7 J
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			195	153	660	239
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			13.3 J	8.9 J	45.7	14.0 J
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			93.0 J	65.8 J	309	105 J
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	14.2 J	11.5 J	41.8	15.9 J
Perylene	SW8270ESIM			146	82.5	213	181
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			103	81	325	116
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			224	170	820	260
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				194 JT	155 JT	650 T	229 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	186 JT	143 JT	640 T	204 JT
PH-ROD Total HPAH (U = 1/2 max limit)				1180 JT	920 JT	4200 T	1400 JT
PH-ROD Total LPAH (U = 1/2 max limit)				190 JT	140 JT	611 JT	210 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		1400 JT	1100 JT	4800 JT	1600 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			69.6	14.8	295	98.7
C1-Benzo(b)thiophene	SW8270ESIM			25.0 U	5.0 U	3.9 J	25.0 U
C1-Decalins	SW8270ESIM			25.0 U	5.0 U	7.8 J	25.0 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			12.0 J	2.0 J	36.5	21.6 J
C1-Dibenzothiophenes	SW8270ESIM			8.8 J	1.5 J	46.2	7.2 J
C1-Fluoranthenes/Pyrenes	SW8270ESIM			81.2	14.2	371	117
C1-Fluorenes	SW8270ESIM			8.6 J	1.3 J	37.4	10.8 J
C1-Naphthalenes	SW8270ESIM			8.3 J	1.4 J	22.1 J	9.2 J
C1-Naphthobenzothiophenes	SW8270ESIM			13.8 J	5.0 U	79.1	18.8 J
C1-Phenanthrenes/Anthracenes	SW8270ESIM			50.5	8.5	200	62.6
C2-Benzanthracenes/Chrysenes	SW8270ESIM			26.9	5.8	139	39.7
C2-Benzo(b)thiophene	SW8270ESIM			25.0 U	5.0 U	7.9 J	25.0 U
C2-Decalins	SW8270ESIM			8.6 J	1.8 J	26.7	9.2 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
		5/4/2021	0 - 1 ft	N	7622534.339	706378.1959	
		5/4/2021	0 - 10 in	N	7622532.883	706377.4269	
		4/27/2021	0 - 1 ft	N	7622685.33	706496.1578	
		5/4/2021	0 - 1 ft	N	7622559.413	706207.272	
C2-Dibenz(a,h)anthracenes	SW8270ESIM			25.0 U	5.0 U	6.0 J	3.8 J
C2-Dibenzothiophenes	SW8270ESIM			13.5 J	2.0 J	62.9	15.8 J
C2-Fluoranthenes/Pyrenes	SW8270ESIM			39.4	6.7	193	52.3
C2-Fluorenes	SW8270ESIM			10.2 J	1.5 J	44.3	10.8 J
C2-Naphthalenes	SW8270ESIM			13.8 J	2.0 J	42.7	13.7 J
C2-Naphthobenzothiophenes	SW8270ESIM			25.0 U	5.0 U	48.6	20.1 J
C2-Phenanthrenes/Anthracenes	SW8270ESIM			43.5	8.3	198	57.9
C3-Benzanthracenes/Chrysenes	SW8270ESIM			19.0 J	3.7 J	71.9	24.7 J
C3-Benzo(b)thiophene	SW8270ESIM			25.0 U	5.0 U	25.0 U	25.0 U
C3-Decalins	SW8270ESIM			25.0 U	2.0 J	22.8 J	9.1 J
C3-Dibenz(a,h)anthracenes	SW8270ESIM			25.0 U	5.0 U	7.5 J	25.0 U
C3-Dibenzothiophenes	SW8270ESIM			12.0 J	2.0 J	65.3	15.9 J
C3-Fluoranthenes/Pyrenes	SW8270ESIM			20.1 J	3.8 J	90.8	25.3
C3-Fluorenes	SW8270ESIM			9.9 J	1.8 J	47.3	10.9 J
C3-Naphthalenes	SW8270ESIM			13.7 J	2.0 J	47.5	12.7 J
C3-Naphthobenzothiophenes	SW8270ESIM			25.0 U	5.0 U	33.3	17.0 J
C3-Phenanthrenes/Anthracenes	SW8270ESIM			17.4 J	3.9 J	151	29
C4-Benzanthracenes/Chrysenes	SW8270ESIM			5.8 J	1.3 J	26.4	12.9 J
C4-Decalins	SW8270ESIM			25.0 U	5.0 U	25.0 U	25.0 U
C4-Dibenzothiophenes	SW8270ESIM			25.0 U	5.0 U	29.2	25.0 U
C4-Fluoranthenes/Pyrenes	SW8270ESIM			14.7 J	2.4 J	57.4	17.7 J
C4-Naphthalenes	SW8270ESIM			12.5 J	1.8 J	32.3	12.4 J
C4-Naphthobenzothiophenes	SW8270ESIM			25.0 U	5.0 U	18.5 J	14.9 J
C4-Phenanthrenes/Anthracenes	SW8270ESIM			9.2 J	2.2 J	44.8	25.0 U
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	4.41 UJ	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	4.41 UJ	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	4.41 UJ	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	4.07 J	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	4.41 UJ	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	4.41 UJ	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	4.41 UJT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	8.48 JT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	6.28 JT	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	4.41 UJT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	4.41 UJT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	15.1 JT	--	--
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.0000590 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000172 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000185 U	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000316 J	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000183 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.00577	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.0604	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.000181 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.000172 U	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00186	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.015	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.000289 J	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.000144 J	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.000210 J	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.000291 J	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000120 U	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000190 U	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000142 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00132 J	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.000119 U	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.00361 J	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.000631 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00126 J	--	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00177	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00374	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
				Sample ID	Sample Date	Depth	Sample Type
				5/4/2021	0 - 1 ft	N	Easting
				7622534.339	706378.1959	7622532.883	706377.4269
				7622685.33	706496.1578	7622559.413	706207.272
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.000753 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.000400 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.000434 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.0730 JT	--	--
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	0.00139 J	--	--
PCB-002	E1668A			--	0.00442 J	--	--
PCB-003	E1668A			--	0.00154 J	--	--
PCB-004/010	E1668A			--	0.00169 U	--	--
PCB-005/008	E1668A			--	0.00681 J	--	--
PCB-006	E1668A			--	0.00118 U	--	--
PCB-007/009	E1668A			--	0.00125 U	--	--
PCB-011	E1668A			--	0.0129	--	--
PCB-012/013	E1668A			--	0.00105 U	--	--
PCB-014	E1668A			--	0.00105 U	--	--
PCB-015	E1668A			--	0.00624	--	--
PCB-016/032	E1668A			--	0.00774 J	--	--
PCB-017	E1668A			--	0.00615	--	--
PCB-018	E1668A			--	0.0118	--	--
PCB-019	E1668A			--	0.00332 J	--	--
PCB-020/021/033	E1668A			--	0.00956 J	--	--
PCB-022	E1668A			--	0.00715	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
				Sample ID	Sample Date	Depth	Sample Type
				5/4/2021	0 - 1 ft	N	Easting
				7622534.339	706378.1959	7622532.883	706377.4269
				4/27/2021	0 - 1 ft	N	7622685.33
				7622559.413	706207.272	7622685.33	706496.1578
PCB-023	E1668A			--	0.000667 U	--	--
PCB-024/027	E1668A			--	0.000496 U	--	--
PCB-025	E1668A			--	0.00198 J	--	--
PCB-026	E1668A			--	0.00503	--	--
PCB-028	E1668A			--	0.0211	--	--
PCB-029	E1668A			--	0.000690 U	--	--
PCB-030	E1668A			--	0.000433 U	--	--
PCB-031	E1668A			--	0.0155	--	--
PCB-034	E1668A			--	0.000678 U	--	--
PCB-035	E1668A			--	0.000647 U	--	--
PCB-036	E1668A			--	0.000634 U	--	--
PCB-037	E1668A			--	0.00802	--	--
PCB-038	E1668A			--	0.000645 U	--	--
PCB-039	E1668A			--	0.000675 U	--	--
PCB-040	E1668A			--	0.00440 J	--	--
PCB-041/064/071/072	E1668A			--	0.021	--	--
PCB-042/059	E1668A			--	0.00858 J	--	--
PCB-043/049	E1668A			--	0.0215 J	--	--
PCB-044	E1668A			--	0.0245	--	--
PCB-045	E1668A			--	0.00271 J	--	--
PCB-046	E1668A			--	0.00175 J	--	--
PCB-047	E1668A			--	0.0143 J	--	--
PCB-048/075	E1668A			--	0.00426 J	--	--
PCB-050	E1668A			--	0.000639 U	--	--
PCB-051	E1668A			--	0.00251 J	--	--
PCB-052/069	E1668A			--	0.0311	--	--
PCB-053	E1668A			--	0.00394 J	--	--
PCB-054	E1668A			--	0.000653 J	--	--
PCB-055	E1668A			--	0.000501 U	--	--
PCB-056/060	E1668A			--	0.014	--	--
PCB-057	E1668A			--	0.000543 U	--	--
PCB-058	E1668A			--	0.000541 U	--	--
PCB-061/070	E1668A			--	0.0315	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
				Sample ID	Sample Date	Depth	Sample Type
				5/4/2021	0 - 1 ft	N	7622534.339
				5/4/2021	0 - 10 in	N	7622532.883
				4/27/2021	0 - 1 ft	N	7622685.33
				5/4/2021	0 - 1 ft	N	7622559.413
				7622534.339	7622532.883	7622685.33	7622559.413
				706378.1959	706377.4269	706496.1578	706207.272
PCB-062	E1668A			--	0.000647 U	--	--
PCB-063	E1668A			--	0.00142 J	--	--
PCB-065	E1668A			--	0.000579 U	--	--
PCB-066/076	E1668A			--	0.0264	--	--
PCB-067	E1668A			--	0.000576 U	--	--
PCB-068	E1668A			--	0.000564 U	--	--
PCB-073	E1668A			--	0.000523 U	--	--
PCB-074	E1668A			--	0.0118	--	--
PCB-077	E1668A			--	0.00602	--	--
PCB-078	E1668A			--	0.000544 U	--	--
PCB-079	E1668A			--	0.00107 J	--	--
PCB-080	E1668A			--	0.000495 U	--	--
PCB-081	E1668A			--	0.000515 J	--	--
PCB-082	E1668A			--	0.00431 J	--	--
PCB-083	E1668A			--	0.000661 U	--	--
PCB-084/092	E1668A			--	0.0204 J	--	--
PCB-085/116	E1668A			--	0.00845 J	--	--
PCB-086	E1668A			--	0.000973 U	--	--
PCB-087/117/125	E1668A			--	0.0172	--	--
PCB-088/091	E1668A			--	0.00955 J	--	--
PCB-089	E1668A			--	0.000913 U	--	--
PCB-090/101	E1668A			--	0.0587	--	--
PCB-093	E1668A			--	0.00121 U	--	--
PCB-094	E1668A			--	0.00111 U	--	--
PCB-095/098/102	E1668A			--	0.0387	--	--
PCB-096	E1668A			--	0.000665 U	--	--
PCB-097	E1668A			--	0.0123 J	--	--
PCB-099	E1668A			--	0.0267	--	--
PCB-100	E1668A			--	0.000812 U	--	--
PCB-103	E1668A			--	0.000849 U	--	--
PCB-104	E1668A			--	0.000666 U	--	--
PCB-105	E1668A			--	0.0197	--	--
PCB-106/118	E1668A			--	0.0501	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
				Sample ID	Sample Date	Depth	Sample Type
				5/4/2021	0 - 1 ft	N	Easting
				7622534.339	706378.1959	7622532.883	706377.4269
				7622685.33	706496.1578	7622559.413	706207.272
PCB-107/109	E1668A			--	0.00357 J	--	--
PCB-108/112	E1668A			--	0.00239 J	--	--
PCB-110	E1668A			--	0.0576	--	--
PCB-111/115	E1668A			--	0.000578 J	--	--
PCB-113	E1668A			--	0.000449 J	--	--
PCB-114	E1668A			--	0.000852 U	--	--
PCB-119	E1668A			--	0.00157 J	--	--
PCB-120	E1668A			--	0.000762 J	--	--
PCB-121	E1668A			--	0.000628 U	--	--
PCB-122	E1668A			--	0.000993 U	--	--
PCB-123	E1668A			--	0.00187 J	--	--
PCB-124	E1668A			--	0.00247 J	--	--
PCB-126	E1668A			--	0.00276 J	--	--
PCB-127	E1668A			--	0.000818 U	--	--
PCB-128/162	E1668A			--	0.0104 J	--	--
PCB-129	E1668A			--	0.00227 J	--	--
PCB-130	E1668A			--	0.00733	--	--
PCB-131/133	E1668A			--	0.00223 J	--	--
PCB-132/161	E1668A			--	0.0189	--	--
PCB-134/143	E1668A			--	0.00343 J	--	--
PCB-135	E1668A			--	0.0109	--	--
PCB-136	E1668A			--	0.011	--	--
PCB-137	E1668A			--	0.00424 J	--	--
PCB-138/163/164	E1668A			--	0.0788	--	--
PCB-139/149	E1668A			--	0.058	--	--
PCB-140	E1668A			--	0.000523 U	--	--
PCB-141	E1668A			--	0.0145	--	--
PCB-142	E1668A			--	0.00124 U	--	--
PCB-144	E1668A			--	0.00328 J	--	--
PCB-145	E1668A			--	0.000347 U	--	--
PCB-146/165	E1668A			--	0.0125 J	--	--
PCB-147	E1668A			--	0.00199 J	--	--
PCB-148	E1668A			--	0.000512 U	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
				5/4/2021	0 - 1 ft	N	
				7622534.339	706378.1959		
PCB-150	E1668A			--	0.000365 U	--	--
PCB-151	E1668A			--	0.0178 J	--	--
PCB-152	E1668A			--	0.000335 U	--	--
PCB-153	E1668A			--	0.0782	--	--
PCB-154	E1668A			--	0.00213 J	--	--
PCB-155	E1668A			--	0.000400 U	--	--
PCB-156	E1668A			--	0.00922	--	--
PCB-157	E1668A			--	0.00438 J	--	--
PCB-158/160	E1668A			--	0.00757 J	--	--
PCB-159	E1668A			--	0.000842 U	--	--
PCB-166	E1668A			--	0.000895 U	--	--
PCB-167	E1668A			--	0.00303 J	--	--
PCB-168	E1668A			--	0.000825 U	--	--
PCB-169	E1668A			--	0.00370 J	--	--
PCB-170	E1668A			--	0.0193	--	--
PCB-171	E1668A			--	0.00495 J	--	--
PCB-172	E1668A			--	0.00384 J	--	--
PCB-173	E1668A			--	0.000850 U	--	--
PCB-174	E1668A			--	0.0245	--	--
PCB-175	E1668A			--	0.000601 U	--	--
PCB-176	E1668A			--	0.00385 J	--	--
PCB-177	E1668A			--	0.0147	--	--
PCB-178	E1668A			--	0.00481 J	--	--
PCB-179	E1668A			--	0.0103 J	--	--
PCB-180	E1668A			--	0.0529	--	--
PCB-181	E1668A			--	0.000682 U	--	--
PCB-182/187	E1668A			--	0.0290 J	--	--
PCB-183	E1668A			--	0.0125	--	--
PCB-184	E1668A			--	0.000449 U	--	--
PCB-185	E1668A			--	0.00307 J	--	--
PCB-186	E1668A			--	0.000416 U	--	--
PCB-188	E1668A			--	0.000446 U	--	--
PCB-189	E1668A			--	0.00428 J	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
		5/4/2021	0 - 1 ft	N	7622534.339	706378.1959	
		5/4/2021	0 - 10 in	N	7622532.883	706377.4269	
		4/27/2021	0 - 1 ft	N	7622685.33	706496.1578	
		5/4/2021	0 - 1 ft	N	7622559.413	706207.272	
PCB-190	E1668A			--	0.00473 J	--	--
PCB-191	E1668A			--	0.000602 U	--	--
PCB-192	E1668A			--	0.000562 U	--	--
PCB-193	E1668A			--	0.00435 J	--	--
PCB-194	E1668A			--	0.0111	--	--
PCB-195	E1668A			--	0.00513	--	--
PCB-196/203	E1668A			--	0.0136 J	--	--
PCB-197	E1668A			--	0.000372 U	--	--
PCB-198	E1668A			--	0.000516 U	--	--
PCB-199	E1668A			--	0.0167	--	--
PCB-200	E1668A			--	0.00282 J	--	--
PCB-201	E1668A			--	0.00208 J	--	--
PCB-202	E1668A			--	0.00383 J	--	--
PCB-204	E1668A			--	0.000376 U	--	--
PCB-205	E1668A			--	0.000586 U	--	--
PCB-206	E1668A			--	0.00866	--	--
PCB-207	E1668A			--	0.000474 U	--	--
PCB-208	E1668A			--	0.00293 J	--	--
PCB-209	E1668A			--	0.00987	--	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	0.00735 JT	--	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	0.0291 JT	--	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	0.100 JT	--	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	0.237 JT	--	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	0.346 JT	--	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	0.369 JT	--	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	0.199 JT	--	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0562 JT	--	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	0.0118 JT	--	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	0.00987 T	--	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.000636 JT	--	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0000153 JT	--	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.000391 JT	--	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--	1.37 JT	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SG	USMPDI-033SC-A	USMPDI-035SC-A
	Sample ID	Sample Date	Depth	USMPDI-031SC-A-00-01-210504	USMPDI-031SG-210504	USMPDI-033SC-A-00-01-210427	USMPDI-035SC-A-00-01-210504
	Sample Type	Easting	Northing	5/4/2021	5/4/2021	4/27/2021	5/4/2021
	N	7622534.339	706378.1959	0 - 1 ft	0 - 10 in	0 - 1 ft	0 - 1 ft
	N	7622532.883	706377.4269	N	N	N	N
	N	7622685.33	706496.1578	7622559.413	7622559.413	7622559.413	7622559.413
	N	706207.272	706207.272				
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			21.9	21.9	52.5	21.8
Motor oil range hydrocarbons	NWTPHDx			134	163	236	159

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample ID			
				Sample Date			
				Depth			
				Sample Type			
				Easting			
				Northing			
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	--
Plastic limit	D4318			--	--	--	--
Plasticity index	D4318			--	--	--	--
Specific gravity	D854			--	--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			0.688	--	1.15	--
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	--
Total organic carbon	SM5310BM			2.3	--	3.1	--
Total Solids	SM2540G			48.7	48.3	39.2	50.79
Conventional Parameters (lb/ft³)							
Density (bulk)	D7263			--	--	--	--
Density (dry)	D7263			--	--	--	--
Grain Size (pct)							
Gravel	D6913			--	--	--	--
Sand	D6913			--	--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			25.0 U	37.8	28	30.1
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			25.0 UJ	24.9 UJ	6.4	3.8 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			2.9 J	5.4 J	8.4	7.5 J
1-Methylphenanthrene	SW8270ESIM			11.6 J	22.6 J	21.1	22.8 J
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			25.0 UJ	2.6 J	4.8 J	3.7 J
2,6-Dimethylnaphthalene	SW8270ESIM			25.0 UJ	24.9 UJ	4.0 J	24.9 UJ
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			4.8 J	7.6 J	12.5	10.0 J
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			14.1 J	19.3 J	30.4	38.5 J
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			5.0 J	8.9 J	12.8 J	14.7 J
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			25.6	36	38.7	34.4
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			125	184	132	139
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			152	185	190 J	194
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			149 J	174	154	169
Benzo(e)pyrene	SW8270ESIM			113	143	146	139
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			133	153	204 J	184
Benzo(j)fluoranthene	SW8270ESIM			75.0 J	89	77.4	77.6
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			73.2	99	76.9	81.7
Benzothiophene	SW8270ESIM			25.0 UJ	24.9 UJ	2.0 J	24.9 UJ
Carbazole	SW8270ESIM			13.8 J	6.5 J	11.3	7.1 J
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			157	231	177	210
Decalin, cis-	SW8270ESIM			25.0 UJ	24.9 UJ	5.0 U	24.9 UJ
Decalin, trans-	SW8270ESIM			25.0 UJ	24.9 UJ	5.0 U	24.9 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			20.6 J	26.7	21.1	27.7

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Dibenzofuran	SW8270ESIM			5/4/2021	5/1/2021	4/13/2021	5/1/2021
Dibenzothiophene	SW8270ESIM			0 - 8 in	0 - 1 ft	0 - 11.5 in	0 - 1 ft
Fluoranthene	SW8270E			N	N	N	N
Fluoranthene	SW8270ESIM			7622558.719	7622655.11	7622655.565	7622633.247
Fluorene	SW8270E			706207.4957	706286.0548	706286.447	706374.2093
Fluorene	SW8270ESIM						
Indeno(1,2,3-c,d)pyrene	SW8270E						
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			6.2 J	5.6 J	8.1	12.9 J
Naphthalene	SW8270E		140000	25.0 U	10.0 J	14	13.7 J
Naphthalene	SW8270ESIM		140000	--	--	--	--
Perylene	SW8270ESIM			240	544	370	438
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			11.3 J	16.1 J	20.6	36.7 J
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			103 J	133	139	142
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	107	124	146	217
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				240	474	404 J	427
PH-ROD Total PAH (U = 1/2 max limit)		30000		297 JT	362 T	308 T	328 T
C1-Benzanthracenes/Chrysenes	SW8270ESIM			211 JT	262 T	250 JT	270 T
C1-Benzo(b)thiophene	SW8270ESIM			1500 JT	2290 T	1900 JT	2100 T
C1-Decalins	SW8270ESIM			180 JT	230 JT	290 JT	370 JT
C1-Dibenz(a,h)anthracenes	SW8270ESIM			1600 JT	2500 JT	2200 JT	2500 JT
C1-Dibenzothiophenes	SW8270ESIM			18.4	158	105	141
C1-Fluoranthenes/Pyrenes	SW8270ESIM			5.0 U	24.9 U	2.6 J	24.9 U
C1-Fluorenes	SW8270ESIM			5.0 U	24.9 U	7.2	5.5 J
C1-Naphthalenes	SW8270ESIM			4.1 J	23.8 J	26	25.9
C1-Naphthobenzothiophenes	SW8270ESIM			1.3 J	12.1 J	14.6	15.1 J
C1-Phenanthrenes/Anthracenes	SW8270ESIM			20.2	227	160	182
C2-Benzanthracenes/Chrysenes	SW8270ESIM			1.6 J	11.5 J	13.7	15.1 J
C2-Benzo(b)thiophene	SW8270ESIM			1.2 J	9.9 J	14.6	12.8 J
C2-Decalins	SW8270ESIM			2.9 J	23.8 J	24.5	23.3 J
				8.8	87.8	70.6	95.3
				7.7	60	51.6	56.5
				5.0 U	5.6 J	3.4 J	5.3 J
				5.0 U	24.9 U	18.1	24.9 U

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample ID	Sample Date	Depth	Sample Type
				5/4/2021	5/1/2021	4/13/2021	5/1/2021
				0 - 8 in	0 - 1 ft	0 - 11.5 in	0 - 1 ft
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622558.719	7622655.11	7622655.565	7622633.247
				Northing	Northing	Northing	Northing
				706207.4957	706286.0548	706286.447	706374.2093
C2-Dibenz(a,h)anthracenes	SW8270ESIM			1.0 J	4.5 J	4.9 J	5.4 J
C2-Dibenzothiophenes	SW8270ESIM			2.0 J	17.9 J	19.3	23.6 J
C2-Fluoranthenes/Pyrenes	SW8270ESIM			8.7	78.5	59.8	82.9
C2-Fluorenes	SW8270ESIM			1.3 J	14.9 J	17.3	18.5 J
C2-Naphthalenes	SW8270ESIM			1.5 J	15.5 J	18.6	18.7 J
C2-Naphthobenzothiophenes	SW8270ESIM			5.0 U	15.0 J	20.8	16.5 J
C2-Phenanthrenes/Anthracenes	SW8270ESIM			8	80.9	45.7	94.6
C3-Benzanthracenes/Chrysenes	SW8270ESIM			4.5 J	30.7	31.1	29.7
C3-Benzo(b)thiophene	SW8270ESIM			5.0 U	24.9 U	2.7 J	24.9 U
C3-Decalins	SW8270ESIM			1.2 J	14.6 J	9.7	12.2 J
C3-Dibenz(a,h)anthracenes	SW8270ESIM			5.0 U	24.9 U	3.3 J	4.4 J
C3-Dibenzothiophenes	SW8270ESIM			1.7 J	17.3 J	17	23.9 J
C3-Fluoranthenes/Pyrenes	SW8270ESIM			1.8 J	29.5	37.4	45.7
C3-Fluorenes	SW8270ESIM			1.6 J	15.9 J	16.2	20.7 J
C3-Naphthalenes	SW8270ESIM			1.7 J	13.3 J	15.5	17.2 J
C3-Naphthobenzothiophenes	SW8270ESIM			2.9 J	24.9 U	19.1	16.6 J
C3-Phenanthrenes/Anthracenes	SW8270ESIM			3.6 J	35.8	28.8	47.6
C4-Benzanthracenes/Chrysenes	SW8270ESIM			1.8 J	14.2 J	11.3	16.0 J
C4-Decalins	SW8270ESIM			5.0 U	24.9 U	5.0 U	24.9 U
C4-Dibenzothiophenes	SW8270ESIM			5.0 U	24.9 U	5.0 U	24.9 U
C4-Fluoranthenes/Pyrenes	SW8270ESIM			3.4 J	21.5 J	29.6	22.0 J
C4-Naphthalenes	SW8270ESIM			1.3 J	12.0 J	12.5	15.7 J
C4-Naphthobenzothiophenes	SW8270ESIM			5.0 U	12.6 J	10.9	24.9 U
C4-Phenanthrenes/Anthracenes	SW8270ESIM			2.1 J	13.1 J	15.6	24.9 U
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			4.08 UJ	--	4.91 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			4.08 UJ	--	4.91 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			4.08 UJ	--	4.91 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			4.08 UJ	--	4.91 U	--
4,4'-DDE (p,p'-DDE)	SW8081B			4.08 UJ	--	4.91 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			4.08 UJ	--	4.91 U	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.08 UJT	--	4.91 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				4.08 UJT	--	4.91 UT	--
PH-ROD Sum DDD (U = 1/2 max limit)				4.08 UJT	--	4.91 UT	--
PH-ROD Sum DDE (U = 1/2 max limit)				4.08 UJT	--	4.91 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				4.08 UJT	--	4.91 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	4.08 UJT	--	4.91 UT	--
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000456 J	--	0.0000283 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000165 U	--	0.000190 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000211 U	--	0.000317 J	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000605 J	--	0.00106 J	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000201 J	--	0.000636 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0122	--	0.0263 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.106	--	0.248 J	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000213 J	--	0.000851 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000165 U	--	0.00154 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00330 J	--	0.00985	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0282	--	0.0574	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000436 J	--	0.00081	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000317 J	--	0.000820 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000301 J	--	0.000517 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000715 J	--	0.00133 J	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000230 J	--	0.000489 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000179 U	--	0.000166 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000218 J	--	0.000138 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00362	--	0.00447	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000343 J	--	0.000491 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0143	--	0.0123	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00106 J	--	0.00349 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00243 J	--	0.00538 J	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00447 J	--	0.00793 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.011	--	0.0133 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample ID			
				Sample Date			
				Depth			
				Sample Type			
				Easting			
				Northing			
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00112 JT	--	0.00202 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000566 JT	--	0.00103 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000686 JT	--	0.00127 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.140 JT	--	0.298 JT	--
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.00474 J	--	0.00398 J	--
PCB-002	E1668A			0.0117	--	0.00857 J	--
PCB-003	E1668A			0.0057	--	0.00493 J	--
PCB-004/010	E1668A			0.0159 J	--	0.0104	--
PCB-005/008	E1668A			0.0346	--	0.0185	--
PCB-006	E1668A			0.00817 J	--	0.00496 J	--
PCB-007/009	E1668A			0.00157 U	--	0.000750 U	--
PCB-011	E1668A			0.0483	--	0.0486	--
PCB-012/013	E1668A			0.00154 U	--	0.000734 U	--
PCB-014	E1668A			0.00153 U	--	0.000731 U	--
PCB-015	E1668A			0.0462	--	0.0204	--
PCB-016/032	E1668A			0.0428	--	0.0225	--
PCB-017	E1668A			0.0282	--	0.0175	--
PCB-018	E1668A			0.0632	--	0.032	--
PCB-019	E1668A			0.0146	--	0.0106	--
PCB-020/021/033	E1668A			0.0567	--	0.0296	--
PCB-022	E1668A			0.0375	--	0.0209	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample ID	Sample Date	Depth	Sample Type
				5/4/2021	5/1/2021	4/13/2021	5/1/2021
				0 - 8 in	0 - 1 ft	0 - 11.5 in	0 - 1 ft
				N	N	N	N
				Easting	7622558.719	7622655.11	7622655.565
				Northing	706207.4957	706286.0548	706286.447
PCB-023	E1668A			0.000949 U	--	0.000601 U	--
PCB-024/027	E1668A			0.00817 J	--	0.00459 J	--
PCB-025	E1668A			0.00933	--	0.00768	--
PCB-026	E1668A			0.0194	--	0.0136	--
PCB-028	E1668A			0.115	--	0.0705	--
PCB-029	E1668A			0.000983 U	--	0.000622 U	--
PCB-030	E1668A			0.000592 U	--	0.000267 U	--
PCB-031	E1668A			0.0881	--	0.0483	--
PCB-034	E1668A			0.000964 U	--	0.000728 J	--
PCB-035	E1668A			0.00370 J	--	0.00162 J	--
PCB-036	E1668A			0.000873 U	--	0.000665 U	--
PCB-037	E1668A			0.0567	--	0.0273	--
PCB-038	E1668A			0.000888 U	--	0.00502	--
PCB-039	E1668A			0.000930 U	--	0.000708 U	--
PCB-040	E1668A			0.0277 J	--	0.0183	--
PCB-041/064/071/072	E1668A			0.143	--	0.0807	--
PCB-042/059	E1668A			0.0467	--	0.0295	--
PCB-043/049	E1668A			0.149	--	0.0986	--
PCB-044	E1668A			0.177	--	0.1	--
PCB-045	E1668A			0.0218	--	0.0115	--
PCB-046	E1668A			0.00942	--	0.00549	--
PCB-047	E1668A			0.065	--	0.0493	--
PCB-048/075	E1668A			0.0258	--	0.016	--
PCB-050	E1668A			0.000777 U	--	0.000726 J	--
PCB-051	E1668A			0.0102	--	0.0091	--
PCB-052/069	E1668A			0.254	--	0.152	--
PCB-053	E1668A			0.0294	--	0.0166	--
PCB-054	E1668A			0.00145 J	--	0.00157 J	--
PCB-055	E1668A			0.00140 J	--	0.000918 J	--
PCB-056/060	E1668A			0.1	--	0.0687	--
PCB-057	E1668A			0.000626 U	--	0.000501 J	--
PCB-058	E1668A			0.000622 J	--	0.000640 J	--
PCB-061/070	E1668A			0.221	--	0.159	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample ID	Sample Date	Depth	Sample Type
				5/4/2021	5/1/2021	4/13/2021	5/1/2021
				0 - 8 in	0 - 1 ft	0 - 11.5 in	0 - 1 ft
				N	N	N	N
				Easting	Easting	Easting	Easting
				7622558.719	7622655.11	7622655.565	7622633.247
				Northing	Northing	Northing	Northing
				706207.4957	706286.0548	706286.447	706374.2093
PCB-062	E1668A			0.000791 U	--	0.000619 U	--
PCB-063	E1668A			0.00604 J	--	0.00465 J	--
PCB-065	E1668A			0.000707 U	--	0.000554 U	--
PCB-066/076	E1668A			0.148	--	0.113	--
PCB-067	E1668A			0.00462 J	--	0.00282 J	--
PCB-068	E1668A			0.00314 J	--	0.00223 J	--
PCB-073	E1668A			0.000581 J	--	0.000817 J	--
PCB-074	E1668A			0.0731	--	0.0516	--
PCB-077	E1668A			0.0294	--	0.0134	--
PCB-078	E1668A			0.00117 J	--	0.000767 U	--
PCB-079	E1668A			0.00208 J	--	0.00317 J	--
PCB-080	E1668A			0.000599 U	--	0.000610 U	--
PCB-081	E1668A			0.00174 J	--	0.00328 J	--
PCB-082	E1668A			0.0474	--	0.0353	--
PCB-083	E1668A			0.000900 U	--	0.000547 U	--
PCB-084/092	E1668A			0.187	--	0.119	--
PCB-085/116	E1668A			0.0687	--	0.0439	--
PCB-086	E1668A			0.00132 U	--	0.000805 U	--
PCB-087/117/125	E1668A			0.162	--	0.0982	--
PCB-088/091	E1668A			0.0599	--	0.0405	--
PCB-089	E1668A			0.00472 J	--	0.00254 J	--
PCB-090/101	E1668A			0.456	--	0.304	--
PCB-093	E1668A			0.00997	--	0.0184	--
PCB-094	E1668A			0.00341 J	--	0.00212 J	--
PCB-095/098/102	E1668A			0.287	--	0.176	--
PCB-096	E1668A			0.00380 J	--	0.00210 J	--
PCB-097	E1668A			0.113	--	0.0689	--
PCB-099	E1668A			0.176	--	0.133	--
PCB-100	E1668A			0.00354 J	--	0.00356 J	--
PCB-103	E1668A			0.00631	--	0.00418 J	--
PCB-104	E1668A			0.000922 U	--	0.000353 J	--
PCB-105	E1668A			0.154	--	0.114	--
PCB-106/118	E1668A			0.372	--	0.259	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample ID	Sample Date	Depth	Sample Type
				5/4/2021	5/1/2021	4/13/2021	5/1/2021
				0 - 8 in	0 - 1 ft	0 - 11.5 in	0 - 1 ft
				N	N	N	N
				Easting	7622558.719	7622655.11	7622655.565
				Northing	706207.4957	706286.0548	706286.447
PCB-107/109	E1668A			0.0267	--	0.0207	--
PCB-108/112	E1668A			0.0193	--	0.00999	--
PCB-110	E1668A			0.456	--	0.292	--
PCB-111/115	E1668A			0.00753 J	--	0.00353 J	--
PCB-113	E1668A			0.00174 J	--	0.000573 U	--
PCB-114	E1668A			0.00982	--	0.00672	--
PCB-119	E1668A			0.00927	--	0.00669	--
PCB-120	E1668A			0.00166 J	--	0.000475 U	--
PCB-121	E1668A			0.000935 J	--	0.000504 U	--
PCB-122	E1668A			0.00563 J	--	0.00397 J	--
PCB-123	E1668A			0.0089	--	0.00581	--
PCB-124	E1668A			0.0176	--	0.0134	--
PCB-126	E1668A			0.00749	--	0.00222 J	--
PCB-127	E1668A			0.00173 U	--	0.00131 U	--
PCB-128/162	E1668A			0.0911	--	0.0698	--
PCB-129	E1668A			0.0235	--	0.0209	--
PCB-130	E1668A			0.0431	--	0.0315	--
PCB-131/133	E1668A			0.0139 J	--	0.0133	--
PCB-132/161	E1668A			0.122	--	0.101	--
PCB-134/143	E1668A			0.0292	--	0.0224	--
PCB-135	E1668A			0.054	--	0.0446	--
PCB-136	E1668A			0.0588	--	0.0448	--
PCB-137	E1668A			0.0253 J	--	0.0171	--
PCB-138/163/164	E1668A			0.503	--	0.419	--
PCB-139/149	E1668A			0.324	--	0.261	--
PCB-140	E1668A			0.00292 J	--	0.00245 J	--
PCB-141	E1668A			0.0936	--	0.074	--
PCB-142	E1668A			0.00210 U	--	0.000994 U	--
PCB-144	E1668A			0.0184	--	0.0145	--
PCB-145	E1668A			0.000464 U	--	0.000328 U	--
PCB-146/165	E1668A			0.0727	--	0.0652	--
PCB-147	E1668A			0.00865 J	--	0.00849	--
PCB-148	E1668A			0.00126 J	--	0.000640 J	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample ID	Sample Date	Depth	Sample Type
				5/4/2021	5/1/2021	4/13/2021	5/1/2021
				0 - 8 in	0 - 1 ft	0 - 11.5 in	0 - 1 ft
				N	N	N	N
				Easting	7622558.719	7622655.11	7622655.565
				Northing	706207.4957	706286.0548	706286.447
PCB-150	E1668A			0.000488 U	--	0.000958 J	--
PCB-151	E1668A			0.0956	--	0.0815	--
PCB-152	E1668A			0.000840 J	--	0.000600 J	--
PCB-153	E1668A			0.421	--	0.379	--
PCB-154	E1668A			0.00796	--	0.00616 J	--
PCB-155	E1668A			0.000535 U	--	0.000472 J	--
PCB-156	E1668A			0.0558	--	0.0442	--
PCB-157	E1668A			0.0159	--	0.0113	--
PCB-158/160	E1668A			0.0583	--	0.0505	--
PCB-159	E1668A			0.00130 U	--	0.000569 U	--
PCB-166	E1668A			0.00138 U	--	0.00163 J	--
PCB-167	E1668A			0.0213	--	0.0192	--
PCB-168	E1668A			0.00139 U	--	0.00162 J	--
PCB-169	E1668A			0.00337 J	--	0.000707 U	--
PCB-170	E1668A			0.114	--	0.0994	--
PCB-171	E1668A			0.0299	--	0.0258	--
PCB-172	E1668A			0.0213	--	0.017	--
PCB-173	E1668A			0.00428 J	--	0.00256 J	--
PCB-174	E1668A			0.124	--	0.0866	--
PCB-175	E1668A			0.00373 J	--	0.00396 J	--
PCB-176	E1668A			0.0163	--	0.0139	--
PCB-177	E1668A			0.0721	--	0.0579	--
PCB-178	E1668A			0.0269	--	0.0262	--
PCB-179	E1668A			0.0531	--	0.0486	--
PCB-180	E1668A			0.265	--	0.234	--
PCB-181	E1668A			0.00158 J	--	0.00148 J	--
PCB-182/187	E1668A			0.146	--	0.158	--
PCB-183	E1668A			0.0622	--	0.0631	--
PCB-184	E1668A			0.000649 U	--	0.000538 J	--
PCB-185	E1668A			0.0125	--	0.0105	--
PCB-186	E1668A			0.000601 U	--	0.000383 U	--
PCB-188	E1668A			0.000591 J	--	0.000670 J	--
PCB-189	E1668A			0.0103	--	0.00569	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.027	--	0.0232	--
PCB-191	E1668A			0.00414 J	--	0.00348 J	--
PCB-192	E1668A			0.000751 U	--	0.000319 U	--
PCB-193	E1668A			0.0177	--	0.0143	--
PCB-194	E1668A			0.0563	--	0.0557	--
PCB-195	E1668A			0.0182 J	--	0.0204	--
PCB-196/203	E1668A			0.0817	--	0.0663	--
PCB-197	E1668A			0.00260 J	--	0.00198 J	--
PCB-198	E1668A			0.00390 J	--	0.00295 J	--
PCB-199	E1668A			0.085	--	0.0682	--
PCB-200	E1668A			0.00768 J	--	0.00668	--
PCB-201	E1668A			0.00955	--	0.00769	--
PCB-202	E1668A			0.0135 J	--	0.0135	--
PCB-204	E1668A			0.000627 U	--	0.000277 U	--
PCB-205	E1668A			0.00232 J	--	0.00254 J	--
PCB-206	E1668A			0.0394 J	--	0.0388	--
PCB-207	E1668A			0.00835	--	0.00528	--
PCB-208	E1668A			0.0172	--	0.0151	--
PCB-209	E1668A			0.0465	--	0.06	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0221 JT	--	0.0175 JT	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.155 JT	--	0.104 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.546 JT	--	0.314 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				1.6 JT	--	1.0 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				2.69 JT	--	1.79 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				2.17 JT	--	1.81 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				1.01 JT	--	0.897 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.281 JT	--	0.246 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.0649 JT	--	0.0592 T	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.0465 T	--	0.0600 T	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.00242 JT	--	0.00124 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000447 JT	--	0.0000164 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000873 JT	--	0.000249 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	8.5 JT	--	6.3 JT	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-035SG	USMPDI-036SC-A	USMPDI-036SG	USMPDI-037SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SG-210504	USMPDI-036SC-A-00-01-210501	USMPDI-036SG-210413	USMPDI-037SC-A-00-01-210501	
				Sample Date	5/4/2021	5/1/2021	4/13/2021	5/1/2021
				Depth	0 - 8 in	0 - 1 ft	0 - 11.5 in	0 - 1 ft
				Sample Type	N	N	N	N
				Easting	7622558.719	7622655.11	7622655.565	7622633.247
				Northing	706207.4957	706286.0548	706286.447	706374.2093
Total Petroleum Hydrocarbons (mg/kg)								
Diesel range hydrocarbons	NWTPHDx			25.2	38.3	56.8	20.2	
Motor oil range hydrocarbons	NWTPHDx			167	203	406	117	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A	
	Sample ID	Sample Date	Depth	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428	
	Sample Type	Easting	Northing	4/13/2021	4/27/2021	4/30/2021	4/28/2021	
	0 - 11.5 in	0 - 1 ft	0 - 1 ft	N	N	N	N	
	7622637.613	7622744.111	7622970.05	7623026.035	706372.4648	706338.8799	706083.9104	706132.19
	Analytical Method	Site-Wide RAL	PTW Threshold					
Conventional Parameters (unitless)								
Liquid limit	D4318			--	--	--	--	
Plastic limit	D4318			--	--	--	--	
Plasticity index	D4318			--	--	--	--	
Specific gravity	D854			--	--	--	--	
Conventional Parameters (mg/kg)								
Cyanide	D7511-12			1.25 T	--	--	--	
Conventional Parameters (pct)								
Moisture (water) content	D2216			--	--	--	--	
Total organic carbon	SM5310BM			3.7 T	--	--	--	
Total Solids	SM2540G			35.4 T	39.45	45.06	46.03	
Conventional Parameters (lb/ft³)								
Density (bulk)	D7263			--	--	--	--	
Density (dry)	D7263			--	--	--	--	
Grain Size (pct)								
Gravel	D6913			--	--	--	--	
Sand	D6913			--	--	--	--	
Total fines (Reported, not calculated)	D6913			--	--	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	--	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	--	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	--	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	--	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	--	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	--	--	--	
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			17.3 T	30.1	212	363	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			5.2 JT	4.0 J	27.8 J	47	

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
		4/13/2021	0 - 11.5 in	N	7622637.613	706372.4648	
		4/27/2021	0 - 1 ft	N	7622744.111	706338.8799	
		4/30/2021	0 - 1 ft	N	7622970.05	706083.9104	
		4/28/2021	0 - 1 ft	N	7623026.035	706132.19	
Polycyclic Aromatic Hydrocarbons (µg/kg)¹							
1-Methylnaphthalene	SW8270ESIM			6.5 JT	10.5 J	59.7 J	123
1-Methylphenanthrene	SW8270ESIM			12 T	21.5 J	156	456
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			3.4 JT	5.4 J	37.1 J	143
2,6-Dimethylnaphthalene	SW8270ESIM			6.5 JT	6.4 J	46.3 J	125
2-Methylnaphthalene	SW8270E			--	--	--	--
2-Methylnaphthalene	SW8270ESIM			8.9 T	13.9 J	82.1 J	165
Acenaphthene	SW8270E			--	--	--	--
Acenaphthene	SW8270ESIM			16.5 T	34.7	327 J	518
Acenaphthylene	SW8270E			--	--	--	--
Acenaphthylene	SW8270ESIM			8.3 JT	12.4 J	11.4 J	71
Anthracene	SW8270E			--	--	--	--
Anthracene	SW8270ESIM			47.7 T	48.1	684	824
Benzo(a)anthracene	SW8270E			--	--	--	--
Benzo(a)anthracene	SW8270ESIM			76.3 T	166	1300	2250
Benzo(a)pyrene	SW8270E			--	--	--	--
Benzo(a)pyrene	SW8270ESIM			109 T	242	1470	2490
Benzo(b)fluoranthene	SW8270E			--	--	--	--
Benzo(b)fluoranthene	SW8270ESIM			89.1 T	175	914 J	2110
Benzo(e)pyrene	SW8270ESIM			83.0 T	162	931	2210
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			117 JT	235	935	2400
Benzo(j)fluoranthene	SW8270ESIM			43.3 T	93.1	482 J	1130
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			44.8 T	96.2	563	1010
Benzothiophene	SW8270ESIM			1.4 JT	22.4 U	10.2 J	19.5 J
Carbazole	SW8270ESIM			13 T	16.2 J	24.9 U	180
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			99.8 T	199	1580	3350
Decalin, cis-	SW8270ESIM			5.0 UT	22.4 UJ	24.9 UJ	25 UJ
Decalin, trans-	SW8270ESIM			5.0 UT	22.4 UJ	24.9 UJ	25 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			11 T	33.4	53.1 J	362 J

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
				4/13/2021	4/27/2021	4/30/2021	4/28/2021
				0 - 11.5 in	0 - 1 ft	0 - 1 ft	0 - 1 ft
				N	N	N	N
				7622637.613	7622744.111	7622970.05	7623026.035
				706372.4648	706338.8799	706083.9104	706132.19
Dibenzofuran	SW8270ESIM			6.3 JT	7.3 J	56.4 J	63.5
Dibenzothiophene	SW8270ESIM			4.6 JT	17.0 J	125	426
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			180 T	417	3410	6310
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			16 T	25.3	230 J	547
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			80.0 T	162	562 J	1820 J
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	18.0 T	22.3 J	168 J	284 J
Perylene	SW8270ESIM			50.3 T	137	389	820
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			84.6 T	173	1750	3630
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			200 T	460	3340	7280
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				177 T	364 T	1960 JT	4250 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	150 T	327 T	1800 JT	3480 JT
PH-ROD Total HPAH (U = 1/2 max limit)				1100 JT	2300 T	15000 JT	31000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				200 JT	330 JT	3300 JT	6000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		1300 JT	2600 JT	18000 JT	37000 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			72.7 T	102	666	2500
C1-Benzo(b)thiophene	SW8270ESIM			2.3 JT	4.6 J	10.5 J	24.6 J
C1-Decalins	SW8270ESIM			2.9 JT	22.4 U	9.3 J	24.8 J
C1-Dibenz(a,h)anthracenes	SW8270ESIM			15.7 T	26.6	50.1	344
C1-Dibenzothiophenes	SW8270ESIM			9.5 T	17.8 J	109	459
C1-Fluoranthenes/Pyrenes	SW8270ESIM			95.0 T	171	1190	2630
C1-Fluorenes	SW8270ESIM			9.6 T	15.6 J	117	383
C1-Naphthalenes	SW8270ESIM			10 T	15.7 J	96.2	176
C1-Naphthobenzothiophenes	SW8270ESIM			19.1 T	29.6	117	336
C1-Phenanthrenes/Anthracenes	SW8270ESIM			43.0 T	88.2	722	1930
C2-Benzanthracenes/Chrysenes	SW8270ESIM			38.3 T	40.8	259	1280
C2-Benzo(b)thiophene	SW8270ESIM			3.0 JT	4.5 J	26	76.5
C2-Decalins	SW8270ESIM			16 T	17.9 J	29.9	80

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C2-Dibenz(a,h)anthracenes	SW8270ESIM			3.1 JT	4.6 J	13.6 J	73.2
C2-Dibenzothiophenes	SW8270ESIM			13.8 T	23.5	128	621
C2-Fluoranthenes/Pyrenes	SW8270ESIM			53.2 T	77.1	400	1250
C2-Fluorenes	SW8270ESIM			11 T	17.0 J	105	497
C2-Naphthalenes	SW8270ESIM			14 T	23.3	194	461
C2-Naphthobenzothiophenes	SW8270ESIM			15.4 T	15.6 J	73.1	237
C2-Phenanthrenes/Anthracenes	SW8270ESIM			48.3 T	73.1	490	1750
C3-Benzanthracenes/Chrysenes	SW8270ESIM			19.3 T	26.7	102	555
C3-Benzo(b)thiophene	SW8270ESIM			2.3 JT	22.4 U	28.4	96.5
C3-Decalins	SW8270ESIM			13 T	26.8	32.4	87.7
C3-Dibenz(a,h)anthracenes	SW8270ESIM			2.7 JT	22.4 U	24.9 U	26.3
C3-Dibenzothiophenes	SW8270ESIM			15.6 T	20.3 J	95.4	501
C3-Fluoranthenes/Pyrenes	SW8270ESIM			26.1 T	26.3	219	833
C3-Fluorenes	SW8270ESIM			14.2 T	19.7 J	91.2	437
C3-Naphthalenes	SW8270ESIM			12 T	21.8 J	211	742
C3-Naphthobenzothiophenes	SW8270ESIM			12 T	11.4 J	55.7	140
C3-Phenanthrenes/Anthracenes	SW8270ESIM			37.8 T	34.1	298	1100
C4-Benzanthracenes/Chrysenes	SW8270ESIM			7.3 T	8.6 J	27.3	168
C4-Decalins	SW8270ESIM			1.0 JT	22.4 U	3.7 J	8.3 J
C4-Dibenzothiophenes	SW8270ESIM			5.0 UT	22.4 U	24.9 U	25 U
C4-Fluoranthenes/Pyrenes	SW8270ESIM			21.3 T	32	127	200
C4-Naphthalenes	SW8270ESIM			8.2 T	14.6 J	136	424
C4-Naphthobenzothiophenes	SW8270ESIM			3.8 JT	22.4 U	13.9 J	48.1
C4-Phenanthrenes/Anthracenes	SW8270ESIM			14 T	13.1 J	60.6	298
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			5.43 UT	--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			5.43 UT	--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			5.43 UT	--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			5.43 UT	--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			5.43 UT	--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			5.43 UT	--	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4/13/2021	4/27/2021	4/30/2021	4/28/2021
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				0 - 11.5 in	0 - 1 ft	0 - 1 ft	0 - 1 ft
PH-ROD Sum DDD (U = 1/2 max limit)				N	N	N	N
PH-ROD Sum DDE (U = 1/2 max limit)				7622637.613	7622744.111	7622970.05	7623026.035
PH-ROD Sum DDT (U = 1/2 max limit)				706372.4648	706338.8799	706083.9104	706132.19
PH-ROD Total DDx (U = 1/2 max limit)		160	7050				
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	5.43 UT	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	5.43 UT	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			5.43 UT	--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			5.43 UT	--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			5.43 UT	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			5.43 UT	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			5.43 UT	--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			5.43 UT	--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			5.43 UT	--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			5.43 UT	--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			5.43 UT	--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	5.43 UT	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			5.43 UT	--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	5.43 UT	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	5.43 UT	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			5.43 UT	--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			5.43 UT	--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			5.43 UT	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			5.43 UT	--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			5.43 UT	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			5.43 UT	--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			5.43 UT	--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			5.43 UT	--	--	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			5.43 UT	--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			5.43 UT	--	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00553 JT	--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00304 JT	--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00356 JT	--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.472 JT	--	--	--
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			--	--	--	--
Aroclor 1221	SW8082A			--	--	--	--
Aroclor 1232	SW8082A			--	--	--	--
Aroclor 1242	SW8082A			--	--	--	--
Aroclor 1248	SW8082A			--	--	--	--
Aroclor 1254	SW8082A			--	--	--	--
Aroclor 1260	SW8082A			--	--	--	--
Aroclor 1262	SW8082A			--	--	--	--
Aroclor 1268	SW8082A			--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--	--
PCB Congeners (µg/kg)							
PCB-001	E1668A			0.0657 T	--	--	--
PCB-002	E1668A			0.0123 T	--	--	--
PCB-003	E1668A			0.0182 T	--	--	--
PCB-004/010	E1668A			0.0443 JT	--	--	--
PCB-005/008	E1668A			0.0720 T	--	--	--
PCB-006	E1668A			0.0202 JT	--	--	--
PCB-007/009	E1668A			0.0301 T	--	--	--
PCB-011	E1668A			0.0454 T	--	--	--
PCB-012/013	E1668A			0.0137 T	--	--	--
PCB-014	E1668A			0.000778 UT	--	--	--
PCB-015	E1668A			0.0279 T	--	--	--
PCB-016/032	E1668A			0.0403 T	--	--	--
PCB-017	E1668A			0.0288 T	--	--	--
PCB-018	E1668A			0.0620 T	--	--	--
PCB-019	E1668A			0.0109 T	--	--	--
PCB-020/021/033	E1668A			0.0396 T	--	--	--
PCB-022	E1668A			0.0235 T	--	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-023	E1668A			0.000503 UT	--	--	--
PCB-024/027	E1668A			0.00585 JT	--	--	--
PCB-025	E1668A			0.00807 T	--	--	--
PCB-026	E1668A			0.0137 JT	--	--	--
PCB-028	E1668A			0.0755 T	--	--	--
PCB-029	E1668A			0.000521 UT	--	--	--
PCB-030	E1668A			0.000204 UT	--	--	--
PCB-031	E1668A			0.0483 T	--	--	--
PCB-034	E1668A			0.000384 JT	--	--	--
PCB-035	E1668A			0.00181 JT	--	--	--
PCB-036	E1668A			0.000559 UT	--	--	--
PCB-037	E1668A			0.0268 T	--	--	--
PCB-038	E1668A			0.00791 JT	--	--	--
PCB-039	E1668A			0.000595 UT	--	--	--
PCB-040	E1668A			0.0183 T	--	--	--
PCB-041/064/071/072	E1668A			0.0870 T	--	--	--
PCB-042/059	E1668A			0.0312 T	--	--	--
PCB-043/049	E1668A			0.0972 T	--	--	--
PCB-044	E1668A			0.108 T	--	--	--
PCB-045	E1668A			0.0133 T	--	--	--
PCB-046	E1668A			0.00548 JT	--	--	--
PCB-047	E1668A			0.0451 T	--	--	--
PCB-048/075	E1668A			0.0169 T	--	--	--
PCB-050	E1668A			0.000533 JT	--	--	--
PCB-051	E1668A			0.00756 T	--	--	--
PCB-052/069	E1668A			0.160 T	--	--	--
PCB-053	E1668A			0.0159 T	--	--	--
PCB-054	E1668A			0.00162 JT	--	--	--
PCB-055	E1668A			0.00104 JT	--	--	--
PCB-056/060	E1668A			0.0689 T	--	--	--
PCB-057	E1668A			0.000488 JT	--	--	--
PCB-058	E1668A			0.000426 UT	--	--	--
PCB-061/070	E1668A			0.164 T	--	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428
				Sample ID	Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-062	E1668A			0.000490 UT	--	--	--
PCB-063	E1668A			0.00416 JT	--	--	--
PCB-065	E1668A			0.000439 UT	--	--	--
PCB-066/076	E1668A			0.108 T	--	--	--
PCB-067	E1668A			0.00263 JT	--	--	--
PCB-068	E1668A			0.00186 JT	--	--	--
PCB-073	E1668A			0.00225 JT	--	--	--
PCB-074	E1668A			0.0502 T	--	--	--
PCB-077	E1668A			0.0112 JT	--	--	--
PCB-078	E1668A			0.000520 UT	--	--	--
PCB-079	E1668A			0.00302 JT	--	--	--
PCB-080	E1668A			0.000432 UT	--	--	--
PCB-081	E1668A			0.00204 JT	--	--	--
PCB-082	E1668A			0.0287 T	--	--	--
PCB-083	E1668A			0.000182 UT	--	--	--
PCB-084/092	E1668A			0.114 T	--	--	--
PCB-085/116	E1668A			0.0454 T	--	--	--
PCB-086	E1668A			0.00220 JT	--	--	--
PCB-087/117/125	E1668A			0.0958 T	--	--	--
PCB-088/091	E1668A			0.0401 T	--	--	--
PCB-089	E1668A			0.00276 JT	--	--	--
PCB-090/101	E1668A			0.295 T	--	--	--
PCB-093	E1668A			0.000324 UT	--	--	--
PCB-094	E1668A			0.00190 JT	--	--	--
PCB-095/098/102	E1668A			0.184 T	--	--	--
PCB-096	E1668A			0.00192 JT	--	--	--
PCB-097	E1668A			0.0715 JT	--	--	--
PCB-099	E1668A			0.126 T	--	--	--
PCB-100	E1668A			0.00301 JT	--	--	--
PCB-103	E1668A			0.00329 JT	--	--	--
PCB-104	E1668A			0.000444 JT	--	--	--
PCB-105	E1668A			0.103 T	--	--	--
PCB-106/118	E1668A			0.252 T	--	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-107/109	E1668A			0.0179 T	--	--	--
PCB-108/112	E1668A			0.0103 JT	--	--	--
PCB-110	E1668A			0.29 T	--	--	--
PCB-111/115	E1668A			0.00553 JT	--	--	--
PCB-113	E1668A			0.000190 UT	--	--	--
PCB-114	E1668A			0.00501 JT	--	--	--
PCB-119	E1668A			0.00633 JT	--	--	--
PCB-120	E1668A			0.000158 UT	--	--	--
PCB-121	E1668A			0.000169 UT	--	--	--
PCB-122	E1668A			0.00275 JT	--	--	--
PCB-123	E1668A			0.00569 JT	--	--	--
PCB-124	E1668A			0.0111 T	--	--	--
PCB-126	E1668A			0.00174 JT	--	--	--
PCB-127	E1668A			0.000880 UT	--	--	--
PCB-128/162	E1668A			0.0603 T	--	--	--
PCB-129	E1668A			0.0143 T	--	--	--
PCB-130	E1668A			0.0272 T	--	--	--
PCB-131/133	E1668A			0.00961 JT	--	--	--
PCB-132/161	E1668A			0.0810 T	--	--	--
PCB-134/143	E1668A			0.0159 T	--	--	--
PCB-135	E1668A			0.0360 T	--	--	--
PCB-136	E1668A			0.0396 T	--	--	--
PCB-137	E1668A			0.0176 T	--	--	--
PCB-138/163/164	E1668A			0.353 T	--	--	--
PCB-139/149	E1668A			0.226 T	--	--	--
PCB-140	E1668A			0.00236 JT	--	--	--
PCB-141	E1668A			0.0591 T	--	--	--
PCB-142	E1668A			0.000654 UT	--	--	--
PCB-144	E1668A			0.0125 JT	--	--	--
PCB-145	E1668A			0.0000924 UT	--	--	--
PCB-146/165	E1668A			0.0524 T	--	--	--
PCB-147	E1668A			0.00781 JT	--	--	--
PCB-148	E1668A			0.000136 UT	--	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-150	E1668A			0.000764 JT	--	--	--
PCB-151	E1668A			0.0686 T	--	--	--
PCB-152	E1668A			0.000360 JT	--	--	--
PCB-153	E1668A			0.305 T	--	--	--
PCB-154	E1668A			0.00508 JT	--	--	--
PCB-155	E1668A			0.000657 JT	--	--	--
PCB-156	E1668A			0.0347 T	--	--	--
PCB-157	E1668A			0.00984 T	--	--	--
PCB-158/160	E1668A			0.0403 T	--	--	--
PCB-159	E1668A			0.000396 UT	--	--	--
PCB-166	E1668A			0.000904 JT	--	--	--
PCB-167	E1668A			0.0146 JT	--	--	--
PCB-168	E1668A			0.000434 UT	--	--	--
PCB-169	E1668A			0.000512 UT	--	--	--
PCB-170	E1668A			0.0856 T	--	--	--
PCB-171	E1668A			0.0217 T	--	--	--
PCB-172	E1668A			0.0142 T	--	--	--
PCB-173	E1668A			0.00206 JT	--	--	--
PCB-174	E1668A			0.0799 T	--	--	--
PCB-175	E1668A			0.00287 JT	--	--	--
PCB-176	E1668A			0.0105 T	--	--	--
PCB-177	E1668A			0.0526 T	--	--	--
PCB-178	E1668A			0.0206 T	--	--	--
PCB-179	E1668A			0.0406 T	--	--	--
PCB-180	E1668A			0.196 T	--	--	--
PCB-181	E1668A			0.00121 JT	--	--	--
PCB-182/187	E1668A			0.120 T	--	--	--
PCB-183	E1668A			0.0480 T	--	--	--
PCB-184	E1668A			0.000744 JT	--	--	--
PCB-185	E1668A			0.0101 T	--	--	--
PCB-186	E1668A			0.000253 UT	--	--	--
PCB-188	E1668A			0.000359 JT	--	--	--
PCB-189	E1668A			0.00336 JT	--	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SG-210413	USMPDI-041SC-A-00-01-210427	USMPDI-051SC-A-00-01-210430	USMPDI-052SC-A-00-01-210428
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-190	E1668A			0.0172 JT	--	--	--
PCB-191	E1668A			0.00299 JT	--	--	--
PCB-192	E1668A			0.000296 UT	--	--	--
PCB-193	E1668A			0.0124 T	--	--	--
PCB-194	E1668A			0.0464 T	--	--	--
PCB-195	E1668A			0.0175 T	--	--	--
PCB-196/203	E1668A			0.0631 T	--	--	--
PCB-197	E1668A			0.00184 JT	--	--	--
PCB-198	E1668A			0.00258 JT	--	--	--
PCB-199	E1668A			0.0620 T	--	--	--
PCB-200	E1668A			0.00682 JT	--	--	--
PCB-201	E1668A			0.00616 JT	--	--	--
PCB-202	E1668A			0.0125 T	--	--	--
PCB-204	E1668A			0.000269 UT	--	--	--
PCB-205	E1668A			0.00253 JT	--	--	--
PCB-206	E1668A			0.0351 T	--	--	--
PCB-207	E1668A			0.00457 JT	--	--	--
PCB-208	E1668A			0.0127 T	--	--	--
PCB-209	E1668A			0.0588 T	--	--	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				0.0962 T	--	--	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				0.254 JT	--	--	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				0.395 JT	--	--	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				1.0 JT	--	--	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				1.7 JT	--	--	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				1.50 JT	--	--	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				0.74 JT	--	--	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				0.222 JT	--	--	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				0.0524 JT	--	--	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				0.0588 T	--	--	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				0.000956 JT	--	--	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000130 JT	--	--	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000196 JT	--	--	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	6.1 JT	--	--	--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-037SG	USMPDI-041SC-A	USMPDI-051SC-A	USMPDI-052SC-A
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	
	USMPDI-037SG-210413	4/13/2021	0 - 11.5 in	N	7622637.613	706372.4648	
	USMPDI-041SC-A-00-01-210427	4/27/2021	0 - 1 ft	N	7622744.111	706338.8799	
	USMPDI-051SC-A-00-01-210430	4/30/2021	0 - 1 ft	N	7622970.05	706083.9104	
	USMPDI-052SC-A-00-01-210428	4/28/2021	0 - 1 ft	N	7623026.035	706132.19	
	Analytical Method	Site-Wide RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			74.0 T	61.6	73.9	167
Motor oil range hydrocarbons	NWTPHDx			508 T	331	244	327

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A
	Sample ID	Sample Date	Depth	USMPDI-053SC-A-00-01-210428
	Sample Type	Easting	Northing	
	Analytical Method	Site-Wide RAL	PTW Threshold	
Conventional Parameters (unitless)				
Liquid limit	D4318			--
Plastic limit	D4318			--
Plasticity index	D4318			--
Specific gravity	D854			--
Conventional Parameters (mg/kg)				
Cyanide	D7511-12			--
Conventional Parameters (pct)				
Moisture (water) content	D2216			--
Total organic carbon	SM5310BM			--
Total Solids	SM2540G			48.3
Conventional Parameters (lb/ft³)				
Density (bulk)	D7263			--
Density (dry)	D7263			--
Grain Size (pct)				
Gravel	D6913			--
Sand	D6913			--
Total fines (Reported, not calculated)	D6913			--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--
Percent passing 4750 micron sieve (#4)	D6913			--
Percent passing 2000 micron sieve (#10)	D6913			--
Percent passing 110 micron sieve (#140)	D6913			--
Percent passing 850 micron sieve (#20)	D6913			--
Percent passing 425 micron sieve (#40)	D6913			--
Percent passing 250 micron sieve (#60)	D6913			--
Percent passing 150 micron sieve (#100)	D6913			--
Percent passing 75 micron sieve (#200)	D6913			--
Semivolatile Organics (µg/kg)				
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			1190
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			146

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A
	Sample ID			USMPDI-053SC-A-00-01-210428
	Sample Date			4/28/2021
	Depth			0 - 1 ft
	Sample Type			N
	Easting			7623087.082
	Northing			706162.7031
	Analytical Method	Site-Wide RAL	PTW Threshold	
Polycyclic Aromatic Hydrocarbons (µg/kg)¹				
1-Methylnaphthalene	SW8270ESIM			439
1-Methylphenanthrene	SW8270ESIM			2000
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			507
2,6-Dimethylnaphthalene	SW8270ESIM			397
2-Methylnaphthalene	SW8270E			--
2-Methylnaphthalene	SW8270ESIM			599
Acenaphthene	SW8270E			--
Acenaphthene	SW8270ESIM			2260
Acenaphthylene	SW8270E			--
Acenaphthylene	SW8270ESIM			200
Anthracene	SW8270E			--
Anthracene	SW8270ESIM			3240
Benzo(a)anthracene	SW8270E			--
Benzo(a)anthracene	SW8270ESIM			7340
Benzo(a)pyrene	SW8270E			--
Benzo(a)pyrene	SW8270ESIM			7620
Benzo(b)fluoranthene	SW8270E			--
Benzo(b)fluoranthene	SW8270ESIM			4670
Benzo(e)pyrene	SW8270ESIM			5030
Benzo(g,h,i)perylene	SW8270E			--
Benzo(g,h,i)perylene	SW8270ESIM			5650
Benzo(j)fluoranthene	SW8270ESIM			3120
Benzo(j,k)fluoranthene	SW8270E			--
Benzo(k)fluoranthene	SW8270ESIM			3520
Benzothiophene	SW8270ESIM			59.9 J
Carbazole	SW8270ESIM			835
Chrysene	SW8270E			--
Chrysene	SW8270ESIM			9480
Decalin, cis-	SW8270ESIM			25 UJ
Decalin, trans-	SW8270ESIM			10.1 J
Dibenzo(a,h)anthracene	SW8270E			--
Dibenzo(a,h)anthracene	SW8270ESIM			1070

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A
	Sample ID			USMPDI-053SC-A-00-01-210428
	Sample Date			4/28/2021
	Depth			0 - 1 ft
	Sample Type			N
	Easting			7623087.082
	Northing			706162.7031
	Analytical Method	Site-Wide RAL	PTW Threshold	
Dibenzofuran	SW8270ESIM			174
Dibenzothiophene	SW8270ESIM			1430
Fluoranthene	SW8270E			--
Fluoranthene	SW8270ESIM			16400
Fluorene	SW8270E			--
Fluorene	SW8270ESIM			2100
Indeno(1,2,3-c,d)pyrene	SW8270E			--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			4560
Naphthalene	SW8270E		140000	--
Naphthalene	SW8270ESIM		140000	786 J
Perylene	SW8270ESIM			2150
Phenanthrene	SW8270E			--
Phenanthrene	SW8270ESIM			11400
Pyrene	SW8270E			--
Pyrene	SW8270ESIM			18500
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				11300 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	10400 T
PH-ROD Total HPAH (U = 1/2 max limit)				81900 T
PH-ROD Total LPAH (U = 1/2 max limit)				21000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		100000 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			7330
C1-Benzo(b)thiophene	SW8270ESIM			104
C1-Decalins	SW8270ESIM			102
C1-Dibenz(a,h)anthracenes	SW8270ESIM			1230
C1-Dibenzothiophenes	SW8270ESIM			1880
C1-Fluoranthenes/Pyrenes	SW8270ESIM			9170
C1-Fluorenes	SW8270ESIM			1600
C1-Naphthalenes	SW8270ESIM			680
C1-Naphthobenzothiophenes	SW8270ESIM			1320
C1-Phenanthrenes/Anthracenes	SW8270ESIM			8070
C2-Benzanthracenes/Chrysenes	SW8270ESIM			4050
C2-Benzo(b)thiophene	SW8270ESIM			281
C2-Decalins	SW8270ESIM			330

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A
	Sample ID			USMPDI-053SC-A-00-01-210428
	Sample Date			4/28/2021
	Depth			0 - 1 ft
	Sample Type			N
	Easting			7623087.082
	Northing			706162.7031
	Analytical Method	Site-Wide RAL	PTW Threshold	
C2-Dibenz(a,h)anthracenes	SW8270ESIM			610
C2-Dibenzothiophenes	SW8270ESIM			2100
C2-Fluoranthenes/Pyrenes	SW8270ESIM			4190
C2-Fluorenes	SW8270ESIM			1760
C2-Naphthalenes	SW8270ESIM			1710
C2-Naphthobenzothiophenes	SW8270ESIM			936
C2-Phenanthrenes/Anthracenes	SW8270ESIM			6240
C3-Benzanthracenes/Chrysenes	SW8270ESIM			2070
C3-Benzo(b)thiophene	SW8270ESIM			431
C3-Decalins	SW8270ESIM			194
C3-Dibenz(a,h)anthracenes	SW8270ESIM			211
C3-Dibenzothiophenes	SW8270ESIM			1500
C3-Fluoranthenes/Pyrenes	SW8270ESIM			2470
C3-Fluorenes	SW8270ESIM			1340
C3-Naphthalenes	SW8270ESIM			2590
C3-Naphthobenzothiophenes	SW8270ESIM			540
C3-Phenanthrenes/Anthracenes	SW8270ESIM			3660
C4-Benzanthracenes/Chrysenes	SW8270ESIM			761
C4-Decalins	SW8270ESIM			25.6
C4-Dibenzothiophenes	SW8270ESIM			25 U
C4-Fluoranthenes/Pyrenes	SW8270ESIM			1190
C4-Naphthalenes	SW8270ESIM			1390
C4-Naphthobenzothiophenes	SW8270ESIM			170
C4-Phenanthrenes/Anthracenes	SW8270ESIM			1050
Pesticides (µg/kg)				
2,4'-DDD (o,p'-DDD)	SW8081B			--
2,4'-DDE (o,p'-DDE)	SW8081B			--
2,4'-DDT (o,p'-DDT)	SW8081B			--
4,4'-DDD (p,p'-DDD)	SW8081B			--
4,4'-DDE (p,p'-DDE)	SW8081B			--
4,4'-DDT (p,p'-DDT)	SW8081B			--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A	
	Analytical Method	Site-Wide RAL	PTW Threshold	Sample ID	USMPDI-053SC-A-00-01-210428
				Sample Date	4/28/2021
				Depth	0 - 1 ft
				Sample Type	N
				Easting	7623087.082
				Northing	706162.7031
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					--
PH-ROD Sum DDD (U = 1/2 max limit)					--
PH-ROD Sum DDE (U = 1/2 max limit)					--
PH-ROD Sum DDT (U = 1/2 max limit)					--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050		--
Dioxin Furans (µg/kg)					
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01		--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01		--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6		--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2		--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4		--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				--
Total Tetrachlorodibenzofuran (TCDF)	E1613B				--
Total Pentachlorodibenzofuran (PeCDF)	E1613B				--
Total Hexachlorodibenzofuran (HxCDF)	E1613B				--
Total Heptachlorodibenzofuran (HpCDF)	E1613B				--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A
	Sample ID			USMPDI-053SC-A-00-01-210428
	Sample Date			4/28/2021
	Depth			0 - 1 ft
	Sample Type			N
	Easting			7623087.082
	Northing			706162.7031
	Analytical Method	Site-Wide RAL	PTW Threshold	
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--
PCB Aroclors (µg/kg)				
Aroclor 1016	SW8082A			--
Aroclor 1221	SW8082A			--
Aroclor 1232	SW8082A			--
Aroclor 1242	SW8082A			--
Aroclor 1248	SW8082A			--
Aroclor 1254	SW8082A			--
Aroclor 1260	SW8082A			--
Aroclor 1262	SW8082A			--
Aroclor 1268	SW8082A			--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--
PCB Congeners (µg/kg)				
PCB-001	E1668A			--
PCB-002	E1668A			--
PCB-003	E1668A			--
PCB-004/010	E1668A			--
PCB-005/008	E1668A			--
PCB-006	E1668A			--
PCB-007/009	E1668A			--
PCB-011	E1668A			--
PCB-012/013	E1668A			--
PCB-014	E1668A			--
PCB-015	E1668A			--
PCB-016/032	E1668A			--
PCB-017	E1668A			--
PCB-018	E1668A			--
PCB-019	E1668A			--
PCB-020/021/033	E1668A			--
PCB-022	E1668A			--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-00-01-210428
				Sample ID
				Sample Date
				Depth
				Sample Type
				Easting
				Northing
PCB-023	E1668A			--
PCB-024/027	E1668A			--
PCB-025	E1668A			--
PCB-026	E1668A			--
PCB-028	E1668A			--
PCB-029	E1668A			--
PCB-030	E1668A			--
PCB-031	E1668A			--
PCB-034	E1668A			--
PCB-035	E1668A			--
PCB-036	E1668A			--
PCB-037	E1668A			--
PCB-038	E1668A			--
PCB-039	E1668A			--
PCB-040	E1668A			--
PCB-041/064/071/072	E1668A			--
PCB-042/059	E1668A			--
PCB-043/049	E1668A			--
PCB-044	E1668A			--
PCB-045	E1668A			--
PCB-046	E1668A			--
PCB-047	E1668A			--
PCB-048/075	E1668A			--
PCB-050	E1668A			--
PCB-051	E1668A			--
PCB-052/069	E1668A			--
PCB-053	E1668A			--
PCB-054	E1668A			--
PCB-055	E1668A			--
PCB-056/060	E1668A			--
PCB-057	E1668A			--
PCB-058	E1668A			--
PCB-061/070	E1668A			--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-00-01-210428
				Sample ID
				Sample Date
				Depth
				Sample Type
				Easting
				Northing
PCB-062	E1668A			--
PCB-063	E1668A			--
PCB-065	E1668A			--
PCB-066/076	E1668A			--
PCB-067	E1668A			--
PCB-068	E1668A			--
PCB-073	E1668A			--
PCB-074	E1668A			--
PCB-077	E1668A			--
PCB-078	E1668A			--
PCB-079	E1668A			--
PCB-080	E1668A			--
PCB-081	E1668A			--
PCB-082	E1668A			--
PCB-083	E1668A			--
PCB-084/092	E1668A			--
PCB-085/116	E1668A			--
PCB-086	E1668A			--
PCB-087/117/125	E1668A			--
PCB-088/091	E1668A			--
PCB-089	E1668A			--
PCB-090/101	E1668A			--
PCB-093	E1668A			--
PCB-094	E1668A			--
PCB-095/098/102	E1668A			--
PCB-096	E1668A			--
PCB-097	E1668A			--
PCB-099	E1668A			--
PCB-100	E1668A			--
PCB-103	E1668A			--
PCB-104	E1668A			--
PCB-105	E1668A			--
PCB-106/118	E1668A			--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A
	Sample ID			USMPDI-053SC-A-00-01-210428
	Sample Date			4/28/2021
	Depth			0 - 1 ft
	Sample Type			N
	Easting			7623087.082
	Northing			706162.7031
	Analytical Method	Site-Wide RAL	PTW Threshold	
PCB-107/109	E1668A			--
PCB-108/112	E1668A			--
PCB-110	E1668A			--
PCB-111/115	E1668A			--
PCB-113	E1668A			--
PCB-114	E1668A			--
PCB-119	E1668A			--
PCB-120	E1668A			--
PCB-121	E1668A			--
PCB-122	E1668A			--
PCB-123	E1668A			--
PCB-124	E1668A			--
PCB-126	E1668A			--
PCB-127	E1668A			--
PCB-128/162	E1668A			--
PCB-129	E1668A			--
PCB-130	E1668A			--
PCB-131/133	E1668A			--
PCB-132/161	E1668A			--
PCB-134/143	E1668A			--
PCB-135	E1668A			--
PCB-136	E1668A			--
PCB-137	E1668A			--
PCB-138/163/164	E1668A			--
PCB-139/149	E1668A			--
PCB-140	E1668A			--
PCB-141	E1668A			--
PCB-142	E1668A			--
PCB-144	E1668A			--
PCB-145	E1668A			--
PCB-146/165	E1668A			--
PCB-147	E1668A			--
PCB-148	E1668A			--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A
	Sample ID			USMPDI-053SC-A-00-01-210428
	Sample Date			4/28/2021
	Depth			0 - 1 ft
	Sample Type			N
	Easting			7623087.082
	Northing			706162.7031
	Analytical Method	Site-Wide RAL	PTW Threshold	
PCB-150	E1668A			--
PCB-151	E1668A			--
PCB-152	E1668A			--
PCB-153	E1668A			--
PCB-154	E1668A			--
PCB-155	E1668A			--
PCB-156	E1668A			--
PCB-157	E1668A			--
PCB-158/160	E1668A			--
PCB-159	E1668A			--
PCB-166	E1668A			--
PCB-167	E1668A			--
PCB-168	E1668A			--
PCB-169	E1668A			--
PCB-170	E1668A			--
PCB-171	E1668A			--
PCB-172	E1668A			--
PCB-173	E1668A			--
PCB-174	E1668A			--
PCB-175	E1668A			--
PCB-176	E1668A			--
PCB-177	E1668A			--
PCB-178	E1668A			--
PCB-179	E1668A			--
PCB-180	E1668A			--
PCB-181	E1668A			--
PCB-182/187	E1668A			--
PCB-183	E1668A			--
PCB-184	E1668A			--
PCB-185	E1668A			--
PCB-186	E1668A			--
PCB-188	E1668A			--
PCB-189	E1668A			--

Table 4-1a
Data Summary: Surface Sediment

	Location ID			USMPDI-053SC-A
	Sample ID			USMPDI-053SC-A-00-01-210428
	Sample Date			4/28/2021
	Depth			0 - 1 ft
	Sample Type			N
	Easting			7623087.082
	Northing			706162.7031
	Analytical Method	Site-Wide RAL	PTW Threshold	
PCB-190	E1668A			--
PCB-191	E1668A			--
PCB-192	E1668A			--
PCB-193	E1668A			--
PCB-194	E1668A			--
PCB-195	E1668A			--
PCB-196/203	E1668A			--
PCB-197	E1668A			--
PCB-198	E1668A			--
PCB-199	E1668A			--
PCB-200	E1668A			--
PCB-201	E1668A			--
PCB-202	E1668A			--
PCB-204	E1668A			--
PCB-205	E1668A			--
PCB-206	E1668A			--
PCB-207	E1668A			--
PCB-208	E1668A			--
PCB-209	E1668A			--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--
PH-ROD Total PCB Congener (U = 1/2 max limit)		75	200	--


Table 4-1a
Data Summary: Surface Sediment


	Location ID			USMPDI-053SC-A
	Sample ID			USMPDI-053SC-A-00-01-210428
	Sample Date			4/28/2021
	Depth			0 - 1 ft
	Sample Type			N
	Easting			7623087.082
	Northing			706162.7031
	Analytical Method	Site-Wide RAL	PTW Threshold	
Total Petroleum Hydrocarbons (mg/kg)				
Diesel range hydrocarbons	NWTPHDx			546
Motor oil range hydrocarbons	NWTPHDx			770

Table 4-1a
Data Summary: Surface Sediment

Notes:

1. Select samples were analyzed for alkylated PAHs using SW8270ESIM.

 Detected concentration is greater than the site-wide RAL

 Detected concentration is greater than the PTW threshold

Bold: Detected result

µg/kg: microgram per kilogram

J: Estimated value

JT: Estimated value (calculated result)

PCB: polychlorinated biphenyl

PH: Portland Harbor

PTW: principal threat waste

RAL: remedial action level

ROD: *Record of Decision – Portland Harbor Superfund Site, Portland, Oregon*

T: Calculated or averaged result

U: Compound analyzed for, but not detected above detection limit

UT: Compound analyzed for, but not detected above detection limit (calculated result)

UJ: Compound analyzed for, but not detected above estimated detection limit

UJT: Compound analyzed for, but not detected above estimated detection limit (calculated result)

Table 4-1b
Statistical Summary: Surface Sediment Site-Wide RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Site-Wide RAL	PTW Threshold Exceedance Count	Site-Wide RAL Exceedance Count
Benzo(a)anthracene	101	101	100%	27900	44.9	1160	329	--	--	--	--
Benzo(a)pyrene	101	101	100%	35300	65.6	1570	444	--	--	--	--
Benzo(b)fluoranthene	101	101	100%	24500	46	1020	317	--	--	--	--
Benzo(e)pyrene	96	96	100%	23300	46.1	1020	322	--	--	--	--
Benzo(g,h,i)perylene	101	100	99%	24700	65.5	1280	404	--	--	--	--
Benzo(j)fluoranthene	96	96	100%	14900	25.1	622	179	--	--	--	--
Benzo(j,k)fluoranthene	5	2	40%	1630	811	1220	1220	--	--	--	--
Benzo(k)fluoranthene	96	96	100%	14100	24.6	575	172	--	--	--	--
Benzothiophene	96	78	81%	277	1.1	17.5	5.8	--	--	--	--
Carbazole	96	87	91%	24900	3.5	339	17.2	--	--	--	--
Chrysene	101	101	100%	35200	58.5	1450	402	--	--	--	--
Decalin, cis-	96	1	1%	2.4	2.4	2.4	2.4	--	--	--	--
Decalin, trans-	96	13	14%	137	0.6	28.5	13.2	--	--	--	--
Dibenzo(a,h)anthracene	101	98	97%	4190	3.3	173	49.9	--	--	--	--
Dibenzofuran	96	94	98%	1350	2.9	54.4	17	--	--	--	--
Dibenzothiophene	96	91	95%	4390	4.6	246	39.8	--	--	--	--
Fluoranthene	101	101	100%	67200	108	3180	794	--	--	--	--
Fluorene	101	98	97%	13700	7.4	412	61.6	--	--	--	--
Indeno(1,2,3-c,d)pyrene	101	101	100%	23100	41.3	958	278	--	--	--	--
Naphthalene	101	94	93%	4370	8.6	228	60.6	140000	--	--	--
Perylene	96	96	100%	8890	34	477	188	--	--	--	--
Phenanthrene	101	100	99%	50300	53.6	2530	425	--	--	--	--
Pyrene	101	101	100%	72000	126	3620	842	--	--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)	101	101	100%	53500	95.7	2190	689	--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)	101	101	100%	47200	86	2060	585	774000	--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)	101	101	100%	340000	610	15500	4200	--	--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)	101	101	100%	180000	110	5090	853	--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)	101	101	100%	530000	720	20800	5040	--	30000	--	17
C1-Benzanthracenes/Chrysenes	96	92	96%	25800	11	923	290	--	--	--	--
C1-Benzo(b)thiophene	96	81	84%	357	0.7	21.7	9.2	--	--	--	--
C1-Decalins	96	62	65%	1310	2.4	124	21.5	--	--	--	--
C1-Dibenz(a,h)anthracenes	96	96	100%	8970	1.7	239	78.3	--	--	--	--
C1-Dibenzothiophenes	96	96	100%	5150	0.8	215	42.8	--	--	--	--
C1-Fluoranthenes/Pyrenes	96	96	100%	36800	12.5	1350	366	--	--	--	--
C1-Fluorenes	96	96	100%	6290	1.1	242	44.3	--	--	--	--
C1-Naphthalenes	96	96	100%	5250	1	140	39.9	--	--	--	--
C1-Naphthobenzothiophenes	96	93	97%	4430	2.9	188	61.3	--	--	--	--
C1-Phenanthrenes/Anthracenes	96	96	100%	26600	6.7	1050	205	--	--	--	--
C2-Benzanthracenes/Chrysenes	96	94	98%	14100	4.4	472	137	--	--	--	--
C2-Benzo(b)thiophene	96	83	86%	1070	2.2	57.8	16.3	--	--	--	--

Table 4-1b
Statistical Summary: Surface Sediment Site-Wide RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Site-Wide RAL	PTW Threshold Exceedance Count	Site-Wide RAL Exceedance Count
PCB-155	52	32	62%	0.00273	0.0003	0.000636	0.000523	--	--	--	--
PCB-156	52	52	100%	1.32	0.00233	0.0708	0.0438	--	--	--	--
PCB-157	52	51	98%	0.0897	0.00111	0.0123	0.00966	--	--	--	--
PCB-158/160	52	52	100%	1.6	0.00284	0.0812	0.0482	--	--	--	--
PCB-159	52	7	13%	0.0109	0.000467	0.00643	0.0075	--	--	--	--
PCB-166	52	34	65%	0.00566	0.0006	0.00191	0.00164	--	--	--	--
PCB-167	52	52	100%	0.481	0.00072	0.0279	0.0183	--	--	--	--
PCB-168	52	27	52%	0.016	0.000203	0.00193	0.00119	--	--	--	--
PCB-169	52	5	10%	0.0128	0.00106	0.00505	0.0037	--	--	--	--
PCB-170	52	52	100%	10.8	0.00928	0.354	0.128	--	--	--	--
PCB-171	52	52	100%	3.04	0.00242	0.0996	0.0356	--	--	--	--
PCB-172	52	52	100%	1.8	0.00168	0.0593	0.0214	--	--	--	--
PCB-173	52	45	87%	0.233	0.000497	0.00885	0.0033	--	--	--	--
PCB-174	52	52	100%	10.9	0.00819	0.366	0.133	--	--	--	--
PCB-175	52	50	96%	0.441	0.000659	0.0152	0.00576	--	--	--	--
PCB-176	52	52	100%	1.33	0.00127	0.0456	0.0174	--	--	--	--
PCB-177	52	52	100%	6.65	0.00409	0.225	0.0854	--	--	--	--
PCB-178	52	52	100%	2.39	0.00242	0.0822	0.0316	--	--	--	--
PCB-179	52	52	100%	4.62	0.00413	0.163	0.0663	--	--	--	--
PCB-180	52	52	100%	25.8	0.0193	0.85	0.302	--	--	--	--
PCB-181	52	41	79%	0.0254	0.000334	0.00313	0.00228	--	--	--	--
PCB-182/187	52	52	100%	12.9	0.0125	0.456	0.189	--	--	--	--
PCB-183	52	52	100%	6.45	0.005	0.212	0.0778	--	--	--	--
PCB-184	52	39	75%	0.00411	0.000351	0.000833	0.000743	--	--	--	--
PCB-185	52	52	100%	1.34	0.00124	0.0439	0.0173	--	--	--	--
PCB-186	52	5	10%	0.00139	0.000153	0.000525	0.000296	--	--	--	--
PCB-188	52	35	67%	0.0195	0.000289	0.0013	0.000671	--	--	--	--
PCB-189	52	50	96%	0.353	0.000365	0.0134	0.00572	--	--	--	--
PCB-190	52	52	100%	2.23	0.00163	0.0735	0.0287	--	--	--	--
PCB-191	52	50	96%	0.417	0.000349	0.0143	0.00568	--	--	--	--
PCB-192	52	0	0%	--	--	--	--	--	--	--	--
PCB-193	52	52	100%	1.3	0.000987	0.0446	0.0189	--	--	--	--
PCB-194	52	52	100%	5.72	0.00434	0.188	0.0698	--	--	--	--
PCB-195	52	52	100%	2.51	0.00205	0.0791	0.0255	--	--	--	--
PCB-196/203	52	52	100%	6.04	0.00797	0.218	0.0932	--	--	--	--
PCB-197	52	46	88%	0.213	0.000662	0.00845	0.00319	--	--	--	--
PCB-198	52	47	90%	0.496	0.000861	0.0156	0.00393	--	--	--	--
PCB-199	52	52	100%	4.41	0.0053	0.181	0.0883	--	--	--	--
PCB-200	52	51	98%	0.661	0.000763	0.0248	0.00985	--	--	--	--
PCB-201	52	51	98%	0.761	0.000884	0.0279	0.0118	--	--	--	--

Table 4-1b
Statistical Summary: Surface Sediment Site-Wide RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Site-Wide RAL	PTW Threshold Exceedance Count	Site-Wide RAL Exceedance Count
PCB-202	52	52	100%	0.867	0.00113	0.0367	0.0177	--	--	--	--
PCB-204	52	7	13%	0.00236	0.000347	0.00089	0.000488	--	--	--	--
PCB-205	52	49	94%	0.271	0.000341	0.00939	0.00343	--	--	--	--
PCB-206	52	52	100%	2.28	0.00299	0.136	0.0565	--	--	--	--
PCB-207	52	51	98%	0.174	0.00042	0.0131	0.00824	--	--	--	--
PCB-208	52	52	100%	0.259	0.00106	0.0304	0.0192	--	--	--	--
PCB-209	52	52	100%	35.2	0.00415	0.812	0.0772	--	--	--	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)	52	52	100%	0.599	0.00412	0.0346	0.0221	--	--	--	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)	52	52	100%	1.87	0.0149	0.202	0.152	--	--	--	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)	52	52	100%	4.9	0.0512	0.715	0.484	--	--	--	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)	52	52	100%	12	0.167	1.91	1.38	--	--	--	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)	52	52	100%	21	0.171	2.83	2.14	--	--	--	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)	52	52	100%	83	0.139	3.94	2.11	--	--	--	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)	52	52	100%	93	0.0761	3.13	1.17	--	--	--	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)	52	52	100%	22	0.0233	0.785	0.332	--	--	--	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)	52	52	100%	2.44	0.00461	0.18	0.084	--	--	--	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)	52	52	100%	35.2	0.00415	0.812	0.0772	--	--	--	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)	52	52	100%	0.0099	0.000105	0.00174	0.00141	--	--	--	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)	52	52	100%	0.00014	1.06E-06	0.0000225	0.0000166	--	--	--	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)	52	52	100%	0.00225	1.56E-05	0.00036	0.00026	--	--	--	--
PH-ROD Total PCB Congener (U = 1/2 max limit)	52	52	100%	230	0.665	14.5	8.25	200	75	1	1
Total Petroleum Hydrocarbons (mg/kg)											
Diesel range hydrocarbons	96	50	52%	1200	10.8	135	40	--	--	--	--
Motor oil range hydrocarbons	96	58	60%	1990	77.8	305	243	--	--	--	--

Notes:
 µg/kg: microgram per kilogram
 CUL: cleanup level
 EPA: U.S. Environmental Protection Agency
 mg/kg: milligram per kilogram
 PCB: polychlorinated biphenyl
 PH: Portland Harbor
 PTW: principal threat waste
 RAL: remedial action level
 ROD: Record of Decision – Portland Harbor Superfund Site, Portland, Oregon

Table 4-2a
Data Summary: Navigation Channel Surface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SG	USMPDI-055SC-A	USMPDI-055SG
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-00-01-201029	USMPDI-046SG-201007	USMPDI-055SC-A-00-01-201028	USMPDI-055SG-201006
				Sample Date 10/29/2020	10/7/2020	10/28/2020	10/6/2020
				Depth 0 - 1 ft	0 - 9.7 in	0 - 1 ft	0 - 10.7 in
				Sample Type N	N	N	N
				Easting 7623069.343	7623073.301	7623179.503	7623181.089
				Northing 706437.017	706435.666	706346.391	706342.067
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			--	11.2 J	--	41.4
Conventional Parameters (pct)							
Total organic carbon	SM5310BM			--	2.8	--	2.7
Total Solids	SM2540G			--	35.2	--	38.2
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			50.3	139	294	260
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			7.7	19.1 J	85.4	26.3
Polycyclic Aromatic Hydrocarbons (µg/kg)							
1-Methylnaphthalene	SW8270ESIM			9.7	40.3 J	111	53.3 J
1-Methylphenanthrene	SW8270ESIM			46.3	105	279	202
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			12.3	25.7	64	32.2
2,6-Dimethylnaphthalene	SW8270ESIM			18.6	27.8	156	39.6
2-Methylnaphthalene	SW8270ESIM			20.6	63.9	284	90.9
Acenaphthene	SW8270ESIM			140	138	315	387
Acenaphthylene	SW8270ESIM			22.9	79.4 J	172	60.9 J
Anthracene	SW8270ESIM			55.7	193	378	571
Benzo(a)anthracene	SW8270ESIM			268	775	1310	1790 J
Benzo(a)pyrene	SW8270ESIM			416	1080	1680	2400
Benzo(b)fluoranthene	SW8270ESIM			237	619	1190	1550
Benzo(e)pyrene	SW8270ESIM			318	716	1220	1500
Benzo(g,h,i)perylene	SW8270ESIM			408 J	1110	1150 J	2010
Benzo(j)fluoranthene	SW8270ESIM			148	376	741	909
Benzo(k)fluoranthene	SW8270ESIM			143	368	734	890
Benzothiophene	SW8270ESIM			4.2 J	8.9 J	65.3	14.9 J
Carbazole	SW8270ESIM			21.8	25.7	64.6	254
Chrysene	SW8270ESIM			334	846	1670	2040
Decalin, cis-	SW8270ESIM			5.0 U	25.0 UJ	4.2 J	25.0 UJ
Decalin, trans-	SW8270ESIM			5.0 U	25.0 UJ	2.5 J	25.0 UJ
Dibenzo(a,h)anthracene	SW8270ESIM			41.7 J	112	210 J	351
Dibenzofuran	SW8270ESIM			11.9	18.4 J	57.3	47.1
Dibenzothiophene	SW8270ESIM			26.9	73.3	200	132
Fluoranthene	SW8270ESIM			566	1340	3150	3710

Table 4-2a

Data Summary: Navigation Channel Surface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SG	USMPDI-055SC-A	USMPDI-055SG
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-00-01-201029	USMPDI-046SG-201007	USMPDI-055SC-A-00-01-201028	USMPDI-055SG-201006
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
Fluorene	SW8270ESIM			10/29/2020	10/7/2020	10/28/2020	10/6/2020
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			0 - 1 ft	0 - 9.7 in	0 - 1 ft	0 - 10.7 in
Naphthalene	SW8270ESIM		140000	N	N	N	N
Perylene	SW8270ESIM			7623069.343	7623073.301	7623179.503	7623181.089
Phenanthrene	SW8270ESIM			706437.017	706435.666	706346.391	706342.067
Pyrene	SW8270ESIM						
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				63.7	99.5	277	189
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	238 J	748	1130	1550
PH-ROD Total HPAH (U = 1/2 max limit)				47.4	120	698	185
PH-ROD Total LPAH (U = 1/2 max limit)				181	305	492	643
PH-ROD Total PAH (U = 1/2 max limit)		170000		458	727	2070	2110
C1-Benzanthracenes/Chrysenes	SW8270ESIM			701	1680	3680	4090
C1-Benzo(b)thiophene	SW8270ESIM			528 T	1360 T	2670 T	3300 T
C1-Decalins	SW8270ESIM			3500 JT	9050 T	17000 JT	21000 JT
C1-Dibenz(a,h)anthracenes	SW8270ESIM			810 T	1400 JT	4190 T	3590 JT
C1-Dibenzothiophenes	SW8270ESIM			4300 JT	10000 JT	21000 JT	25000 JT
C1-Fluoranthenes/Pyrenes	SW8270ESIM			244	610	5.0 U	1430
C1-Fluorenes	SW8270ESIM			5.8	11.1 J	47.4	14.3 J
C1-Naphthalenes	SW8270ESIM			5.0 U	72.5	41	25.0 U
C1-Naphthobenzothiophenes	SW8270ESIM			55.7	210	239	572
C1-Phenanthrenes/Anthracenes	SW8270ESIM			41.8	107	279	114
C2-Benzanthracenes/Chrysenes	SW8270ESIM			313	780	1720	1880
C2-Benzo(b)thiophene	SW8270ESIM			38.3	89.6	259	162
C2-Decalins	SW8270ESIM			25.7	88.8	395	126
C2-Dibenz(a,h)anthracenes	SW8270ESIM			34.4	109	221	247
C2-Dibenzothiophenes	SW8270ESIM			211	515	1180	910
C2-Fluoranthenes/Pyrenes	SW8270ESIM			122	439	654	742
C2-Fluorenes	SW8270ESIM			28.2	27.5	62.3	39.8
C2-Naphthalenes	SW8270ESIM			33.2	93.3	131	44.6
C2-Naphthobenzothiophenes	SW8270ESIM			22	120	96.1	202
C2-Phenanthrenes/Anthracenes	SW8270ESIM			53.6	140	335	200
C3-Benzanthracenes/Chrysenes	SW8270ESIM			140	412	894	814
C3-Benzo(b)thiophene	SW8270ESIM			46.1	121	299	13.7 J
				77.4	162	423	205
				35.1	114	227	29.3
				167	448	940	706
				58.4	227	315	321
				16.8	24.5 J	11.6	25.0 U

Table 4-2a
Data Summary: Navigation Channel Surface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SG	USMPDI-055SC-A	USMPDI-055SG
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-00-01-201029	USMPDI-046SG-201007	USMPDI-055SC-A-00-01-201028	USMPDI-055SG-201006
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
C3-Decalins	SW8270ESIM			10/29/2020	10/7/2020	10/28/2020	10/6/2020
C3-Dibenz(a,h)anthracenes	SW8270ESIM			0 - 1 ft	0 - 9.7 in	0 - 1 ft	0 - 10.7 in
C3-Dibenzothiophenes	SW8270ESIM			N	N	N	N
C3-Fluoranthenes/Pyrenes	SW8270ESIM			7623069.343	7623073.301	7623179.503	7623181.089
C3-Fluorenes	SW8270ESIM			706437.017	706435.666	706346.391	706342.067
C3-Naphthalenes	SW8270ESIM						
C3-Naphthobenzothiophenes	SW8270ESIM						
C3-Phenanthrenes/Anthracenes	SW8270ESIM						
C4-Benzanthracenes/Chrysenes	SW8270ESIM						
C4-Decalins	SW8270ESIM						
C4-Dibenzothiophenes	SW8270ESIM						
C4-Fluoranthenes/Pyrenes	SW8270ESIM						
C4-Naphthalenes	SW8270ESIM						
C4-Naphthobenzothiophenes	SW8270ESIM						
C4-Phenanthrenes/Anthracenes	SW8270ESIM						
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	SW8081B			--	5.46 U	--	6.50 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	10.2	--	9.69 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	5.46 U	--	7.00 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	8.03	--	8.62
4,4'-DDE (p,p'-DDE)	SW8081B			--	5.46 U	--	5.00 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	5.46 U	--	5.00 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	15.7 T	--	9.69 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	13.5 T	--	13.6 T
PH-ROD Sum DDD (U = 1/2 max limit)				--	10.8 T	--	11.9 T
PH-ROD Sum DDE (U = 1/2 max limit)				--	12.9 T	--	9.69 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	5.46 UT	--	7.00 UT
PH-ROD Total DDx (U = 1/2 max limit)			7050	--	29.2 T	--	25.2 T
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B		0.01	--	0.000311 J	--	0.000312 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B		0.01	--	0.000605 J	--	0.000735 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000863 J	--	0.000921 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00418	--	0.00385

Table 4-2a
Data Summary: Navigation Channel Surface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SG	USMPDI-055SC-A	USMPDI-055SG
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-00-01-201029	USMPDI-046SG-201007	USMPDI-055SC-A-00-01-201028	USMPDI-055SG-201006
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00206 J	--	0.00197 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.101	--	0.116
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.951	--	1.15
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00445 J	--	0.00491 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00590 J	--	0.00752 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0386	--	0.0463
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.256	--	0.356
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.00876	--	0.00959
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0088	--	0.0121
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B		0.2	--	0.00493	--	0.00635
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0141	--	0.0212
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00349	--	0.00487
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000589 J	--	0.00144 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00169 J	--	0.00193 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0201	--	0.0178
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00296	--	0.00396
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0577	--	0.047
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0294 J	--	0.0320 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0307	--	0.0405
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0468 J	--	0.054
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0615	--	0.0578
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0182 JT	--	0.0219 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00717 JT	--	0.00922 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00778 JT	--	0.00963 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	1.18 JT	--	1.40 JT
PCB Congeners (µg/kg)							
PCB-001	E1668A			--	0.00485 J	--	0.00369 J
PCB-002	E1668A			--	0.0146	--	0.00705
PCB-003	E1668A			--	0.00757	--	0.00359 J
PCB-004/010	E1668A			--	0.021	--	0.0126
PCB-005/008	E1668A			--	0.0395	--	0.0212
PCB-006	E1668A			--	0.00926	--	0.0061
PCB-007/009	E1668A			--	0.00359 J	--	0.000803 U

Table 4-2a
Data Summary: Navigation Channel Surface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SG	USMPDI-055SC-A	USMPDI-055SG
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-00-01-201029	USMPDI-046SG-201007	USMPDI-055SC-A-00-01-201028	USMPDI-055SG-201006
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-011	E1668A			--	0.0792	--	0.0325
PCB-012/013	E1668A			--	0.00777 J	--	0.00368 J
PCB-014	E1668A			--	0.000821 U	--	0.000803 U
PCB-015	E1668A			--	0.0377	--	0.0216
PCB-016/032	E1668A			--	0.052	--	0.0248
PCB-017	E1668A			--	0.0416	--	0.0204
PCB-018	E1668A			--	0.0684	--	0.0368
PCB-019	E1668A			--	0.0266	--	0.0119
PCB-020/021/033	E1668A			--	0.0828	--	0.0375
PCB-022	E1668A			--	0.0496	--	0.0226
PCB-023	E1668A			--	0.000499 U	--	0.000746 U
PCB-024/027	E1668A			--	0.00817 J	--	0.00412 J
PCB-025	E1668A			--	0.0216	--	0.0107
PCB-026	E1668A			--	0.0334	--	0.0137
PCB-028	E1668A			--	0.194	--	0.0763
PCB-029	E1668A			--	0.000730 J	--	0.000738 U
PCB-030	E1668A			--	0.000277 U	--	0.000591 U
PCB-031	E1668A			--	0.133	--	0.0651
PCB-034	E1668A			--	0.00273 J	--	0.000696 U
PCB-035	E1668A			--	0.00378 J	--	0.000640 U
PCB-036	E1668A			--	0.000423 U	--	0.000621 U
PCB-037	E1668A			--	0.0585	--	0.0241
PCB-038	E1668A			--	0.00309 J	--	0.000635 U
PCB-039	E1668A			--	0.00116 J	--	0.000676 U
PCB-040	E1668A			--	0.0429	--	0.0195
PCB-041/064/071/072	E1668A			--	0.19	--	0.0806
PCB-042/059	E1668A			--	0.0729	--	0.0307
PCB-043/049	E1668A			--	0.234	--	0.102
PCB-044	E1668A			--	0.211	--	0.093
PCB-045	E1668A			--	0.0278	--	0.0118
PCB-046	E1668A			--	0.0137	--	0.00596
PCB-047	E1668A			--	0.139	--	0.059
PCB-048/075	E1668A			--	0.0386	--	0.0155

Table 4-2a
Data Summary: Navigation Channel Surface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SG	USMPDI-055SC-A	USMPDI-055SG
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-00-01-201029	USMPDI-046SG-201007	USMPDI-055SC-A-00-01-201028	USMPDI-055SG-201006
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-050	E1668A			--	0.00180 J	--	0.000640 J
PCB-051	E1668A			--	0.0275	--	0.0118
PCB-052/069	E1668A			--	0.277	--	0.13
PCB-053	E1668A			--	0.0463	--	0.0198
PCB-054	E1668A			--	0.00561	--	0.00281 J
PCB-055	E1668A			--	0.00340 J	--	0.00164 J
PCB-056/060	E1668A			--	0.157	--	0.0677
PCB-057	E1668A			--	0.00154 J	--	0.000733 J
PCB-058	E1668A			--	0.00163 J	--	0.000759 J
PCB-061/070	E1668A			--	0.321	--	0.145
PCB-062	E1668A			--	0.000355 U	--	0.000442 U
PCB-063	E1668A			--	0.0121	--	0.00527
PCB-065	E1668A			--	0.000312 U	--	0.000389 U
PCB-066/076	E1668A			--	0.275	--	0.114
PCB-067	E1668A			--	0.00718	--	0.00316 J
PCB-068	E1668A			--	0.00485 J	--	0.00197 J
PCB-073	E1668A			--	0.00181 J	--	0.000848 J
PCB-074	E1668A			--	0.121	--	0.0518
PCB-077	E1668A			--	0.0316	--	0.0136
PCB-078	E1668A			--	0.000808 J	--	0.000359 U
PCB-079	E1668A			--	0.00608	--	0.00241 J
PCB-080	E1668A			--	0.000251 U	--	0.000336 U
PCB-081	E1668A			--	0.000302 U	--	0.000371 J
PCB-082	E1668A			--	0.0495	--	0.0235
PCB-083	E1668A			--	0.000288 U	--	0.000403 U
PCB-084/092	E1668A			--	0.213	--	0.0985
PCB-085/116	E1668A			--	0.0724	--	0.0316
PCB-086	E1668A			--	0.000943 J	--	0.000660 U
PCB-087/117/125	E1668A			--	0.143	--	0.0637
PCB-088/091	E1668A			--	0.0813	--	0.036
PCB-089	E1668A			--	0.00375 J	--	0.00223 J
PCB-090/101	E1668A			--	0.539	--	0.254
PCB-093	E1668A			--	0.000479 U	--	0.00379 J

Table 4-2a
Data Summary: Navigation Channel Surface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SG	USMPDI-055SC-A	USMPDI-055SG
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-00-01-201029	USMPDI-046SG-201007	USMPDI-055SC-A-00-01-201028	USMPDI-055SG-201006
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-094	E1668A			--	0.00426 J	--	0.00152 J
PCB-095/098/102	E1668A			--	0.329	--	0.145
PCB-096	E1668A			--	0.00561	--	0.00198 J
PCB-097	E1668A			--	0.124	--	0.0568
PCB-099	E1668A			--	0.226	--	0.103
PCB-100	E1668A			--	0.0119 J	--	0.00568
PCB-103	E1668A			--	0.0137	--	0.00686
PCB-104	E1668A			--	0.00120 J	--	0.000484 U
PCB-105	E1668A			--	0.181	--	0.077
PCB-106/118	E1668A			--	0.418	--	0.191
PCB-107/109	E1668A			--	0.0357	--	0.0166
PCB-108/112	E1668A			--	0.0205	--	0.00963 J
PCB-110	E1668A			--	0.492	--	0.21
PCB-111/115	E1668A			--	0.00583 J	--	0.00391 J
PCB-113	E1668A			--	0.00193 J	--	0.000430 U
PCB-114	E1668A			--	0.0099	--	0.00445 J
PCB-119	E1668A			--	0.0174	--	0.00815
PCB-120	E1668A			--	0.00407 J	--	0.000834 J
PCB-121	E1668A			--	0.000502 J	--	0.000392 U
PCB-122	E1668A			--	0.00565	--	0.00246 J
PCB-123	E1668A			--	0.00762	--	0.00274 J
PCB-124	E1668A			--	0.0149	--	0.00725
PCB-126	E1668A			--	0.00334 J	--	0.00102 J
PCB-127	E1668A			--	0.000562 U	--	0.000373 U
PCB-128/162	E1668A			--	0.102	--	0.0388
PCB-129	E1668A			--	0.0253	--	0.0109
PCB-130	E1668A			--	0.0489	--	0.0209
PCB-131/133	E1668A			--	0.0232 J	--	0.0111
PCB-132/161	E1668A			--	0.168	--	0.071
PCB-134/143	E1668A			--	0.035	--	0.0144
PCB-135	E1668A			--	0.0942	--	0.0344
PCB-136	E1668A			--	0.102	--	0.0454
PCB-137	E1668A			--	0.0242	--	0.00998

Table 4-2a
Data Summary: Navigation Channel Surface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SG	USMPDI-055SC-A	USMPDI-055SG
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-00-01-201029	USMPDI-046SG-201007	USMPDI-055SC-A-00-01-201028	USMPDI-055SG-201006
				Sample Date	Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting	Easting
				Northing	Northing	Northing	Northing
PCB-138/163/164	E1668A			--	0.73	--	0.289
PCB-139/149	E1668A			--	0.534	--	0.21
PCB-140	E1668A			--	0.00674	--	0.00323 J
PCB-141	E1668A			--	0.137	--	0.0552
PCB-142	E1668A			--	0.000847 U	--	0.000516 U
PCB-144	E1668A			--	0.0305	--	0.0119 J
PCB-145	E1668A			--	0.000365 U	--	0.000481 U
PCB-146/165	E1668A			--	0.14	--	0.0568
PCB-147	E1668A			--	0.0187	--	0.00909
PCB-148	E1668A			--	0.00341 J	--	0.00162 J
PCB-150	E1668A			--	0.00362 J	--	0.00110 J
PCB-151	E1668A			--	0.177	--	0.0692 J
PCB-152	E1668A			--	0.000630 J	--	0.000482 U
PCB-153	E1668A			--	0.725	--	0.284
PCB-154	E1668A			--	0.0210 J	--	0.00891 J
PCB-155	E1668A			--	0.000604 J	--	0.000547 U
PCB-156	E1668A			--	0.0645	--	0.0253
PCB-157	E1668A			--	0.0143	--	0.0053
PCB-158/160	E1668A			--	0.0683	--	0.0275
PCB-159	E1668A			--	0.000511 U	--	0.000315 U
PCB-166	E1668A			--	0.00229 J	--	0.000975 J
PCB-167	E1668A			--	0.026	--	0.0108
PCB-168	E1668A			--	0.00134 J	--	0.000361 U
PCB-169	E1668A			--	0.000622 U	--	0.000370 U
PCB-170	E1668A			--	0.225	--	0.0904
PCB-171	E1668A			--	0.0609	--	0.0247
PCB-172	E1668A			--	0.036	--	0.0155
PCB-173	E1668A			--	0.00454 J	--	0.00219 J
PCB-174	E1668A			--	0.224	--	0.092
PCB-175	E1668A			--	0.0081	--	0.00338 J
PCB-176	E1668A			--	0.0266	--	0.0116
PCB-177	E1668A			--	0.143	--	0.0602
PCB-178	E1668A			--	0.0589	--	0.0219


Table 4-2a
Data Summary: Navigation Channel Surface Sediment


	Location ID			USMPDI-046SC-A	USMPDI-046SG	USMPDI-055SC-A	USMPDI-055SG
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-00-01-201029	USMPDI-046SG-201007	USMPDI-055SC-A-00-01-201028	USMPDI-055SG-201006
				Sample Date 10/29/2020	10/7/2020	10/28/2020	10/6/2020
				Depth 0 - 1 ft	0 - 9.7 in	0 - 1 ft	0 - 10.7 in
				Sample Type N	N	N	N
				Easting 7623069.343	7623073.301	7623179.503	7623181.089
				Northing 706437.017	706435.666	706346.391	706342.067
PCB-179	E1668A			--	0.104	--	0.0411
PCB-180	E1668A			--	0.517	--	0.206
PCB-181	E1668A			--	0.00549	--	0.00233 J
PCB-182/187	E1668A			--	0.309	--	0.126
PCB-183	E1668A			--	0.13	--	0.0508
PCB-184	E1668A			--	0.000620 J	--	0.000576 J
PCB-185	E1668A			--	0.0268	--	0.0106 J
PCB-186	E1668A			--	0.000367 U	--	0.000361 U
PCB-188	E1668A			--	0.000806 J	--	0.000372 U
PCB-189	E1668A			--	0.00842	--	0.00349 J
PCB-190	E1668A			--	0.046	--	0.0187
PCB-191	E1668A			--	0.00821	--	0.00318 J
PCB-192	E1668A			--	0.000393 U	--	0.000381 U
PCB-193	E1668A			--	0.0285	--	0.0114
PCB-194	E1668A			--	0.111	--	0.0524
PCB-195	E1668A			--	0.0457	--	0.0219
PCB-196/203	E1668A			--	0.127 J	--	0.0615
PCB-197	E1668A			--	0.00391 J	--	0.00201 J
PCB-198	E1668A			--	0.00639 J	--	0.00212 J
PCB-199	E1668A			--	0.122	--	0.0542
PCB-200	E1668A			--	0.0144 J	--	0.00753
PCB-201	E1668A			--	0.018	--	0.00895
PCB-202	E1668A			--	0.0263	--	0.0109
PCB-204	E1668A			--	0.000523 U	--	0.000532 U
PCB-205	E1668A			--	0.00578	--	0.00181 J
PCB-206	E1668A			--	0.0789	--	0.0318
PCB-207	E1668A			--	0.0114	--	0.00446 J
PCB-208	E1668A			--	0.0251	--	0.0106
PCB-209	E1668A			--	0.12	--	0.0494
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)				--	0.0270 JT	--	0.0143 JT
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)				--	0.198 JT	--	0.0985 JT
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)				--	0.782 JT	--	0.351 JT
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)				--	2.3 JT	--	0.99 JT

Table 4-2a
Data Summary: Navigation Channel Surface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SG	USMPDI-055SC-A	USMPDI-055SG
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-00-01-201029	USMPDI-046SG-201007	USMPDI-055SC-A-00-01-201028	USMPDI-055SG-201006
				10/29/2020	10/7/2020	10/28/2020	10/6/2020
				0 - 1 ft	0 - 9.7 in	0 - 1 ft	0 - 10.7 in
				N	N	N	N
				7623069.343	7623073.301	7623179.503	7623181.089
				706437.017	706435.666	706346.391	706342.067
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)				--	3.04 JT	--	1.4 JT
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)				--	3.3 JT	--	1.3 JT
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)				--	2.0 JT	--	0.797 JT
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)				--	0.481 JT	--	0.224 JT
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)				--	0.115 T	--	0.0469 JT
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)				--	0.12 T	--	0.0494 T
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.00196 JT	--	0.000833 JT
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0000236 JT	--	0.0000826 JT
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.000368 JT	--	0.000119 JT
PH-ROD Total PCB Congener (U = 1/2 max limit)			200	--	12 JT	--	5.3 JT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx			61.1 U	134 U	166	133
Motor oil range hydrocarbons	NWTPHDx			122 U	267 U	428	257 U

Notes:

 Detected concentration is greater than the Navigation Channel RAL

 Detected concentration is greater than the PTW threshold

Bold: Detected result

µg/kg: microgram per kilogram

J: Estimated value

JT: Estimated value (calculated result)

PCB: polychlorinated biphenyl

PH: Portland Harbor

PTW: principal threat waste

RAL: remedial action level

ROD: *Record of Decision – Portland Harbor Superfund Site, Portland, Oregon*

T: Calculated or averaged result

U: Compound analyzed for, but not detected above detection limit

UT: Compound analyzed for, but not detected above detection limit (calculated result)

UJ: Compound analyzed for, but not detected above estimated detection limit

Table 4-2b
Statistical Summary: Surface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
Conventional Parameters (mg/kg)											
Cyanide	2	2	100%	41.4	11.2	26.3	26.3	--	--	--	--
Conventional Parameters (pct)											
Total organic carbon	2	2	100%	2.8	2.7	2.75	2.75	--	--	--	--
Total Solids	2	2	100%	38.2	35.2	36.7	36.7	--	--	--	--
Semivolatile Organics (µg/kg)											
Benzo(b)naphtho(2,1-d)thiophene	4	4	100%	294	50.3	186	200	--	--	--	--
Biphenyl (1,1'-Biphenyl)	4	4	100%	85.4	7.7	34.6	22.7	--	--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)											
1-Methylnaphthalene	4	4	100%	111	9.7	53.6	46.8	--	--	--	--
1-Methylphenanthrene	4	4	100%	279	46.3	158	154	--	--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	4	4	100%	64	12.3	33.6	29	--	--	--	--
2,6-Dimethylnaphthalene	4	4	100%	156	18.6	60.5	33.7	--	--	--	--
2-Methylnaphthalene	4	4	100%	284	20.6	115	77.4	--	--	--	--
Acenaphthene	4	4	100%	387	138	245	228	--	--	--	--
Acenaphthylene	4	4	100%	172	22.9	83.8	70.2	--	--	--	--
Anthracene	4	4	100%	571	55.7	299	286	--	--	--	--
Benzo(a)anthracene	4	4	100%	1790	268	1040	1040	--	--	--	--
Benzo(a)pyrene	4	4	100%	2400	416	1390	1380	--	--	--	--
Benzo(b)fluoranthene	4	4	100%	1550	237	899	905	--	--	--	--
Benzo(e)pyrene	4	4	100%	1500	318	939	968	--	--	--	--
Benzo(g,h,i)perylene	4	4	100%	2010	408	1170	1130	--	--	--	--
Benzo(j)fluoranthene	4	4	100%	909	148	544	559	--	--	--	--
Benzo(k)fluoranthene	4	4	100%	890	143	534	551	--	--	--	--
Benzothiophene	4	4	100%	65.3	4.2	23.3	11.9	--	--	--	--
Carbazole	4	4	100%	254	21.8	91.5	45.2	--	--	--	--
Chrysene	4	4	100%	2040	334	1220	1260	--	--	--	--
Decalin, cis-	4	1	25%	4.2	4.2	4.2	4.2	--	--	--	--
Decalin, trans-	4	1	25%	2.5	2.5	2.5	2.5	--	--	--	--
Dibenzo(a,h)anthracene	4	4	100%	351	41.7	179	161	--	--	--	--
Dibenzofuran	4	4	100%	57.3	11.9	33.7	32.8	--	--	--	--
Dibenzothiophene	4	4	100%	200	26.9	108	103	--	--	--	--
Fluoranthene	4	4	100%	3710	566	2190	2250	--	--	--	--
Fluorene	4	4	100%	277	63.7	157	144	--	--	--	--
Indeno(1,2,3-c,d)pyrene	4	4	100%	1550	238	917	939	--	--	--	--
Naphthalene	4	4	100%	698	47.4	263	153	140000	--	--	--
Perylene	4	4	100%	643	181	405	399	--	--	--	--
Phenanthrene	4	4	100%	2110	458	1340	1400	--	--	--	--
Pyrene	4	4	100%	4090	701	2540	2680	--	--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)	4	4	100%	3300	528	1960	2010	--	--	--	--

Table 4-2b

Statistical Summary: Surface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)	4	4	100%	3300	534	1890	1840	774000	--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)	4	4	100%	21000	3500	12600	12800	--	--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)	4	4	100%	4190	810	2500	2510	--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)	4	4	100%	25000	4300	15100	15700	--	170000	--	--
C1-Benzanthracenes/Chrysenes	4	3	75%	1430	244	761	610	--	--	--	--
C1-Benzo(b)thiophene	4	4	100%	47.4	5.8	19.7	12.7	--	--	--	--
C1-Decalins	4	2	50%	72.5	41	56.8	56.8	--	--	--	--
C1-Dibenz(a,h)anthracenes	4	4	100%	572	55.7	269	225	--	--	--	--
C1-Dibenzothiophenes	4	4	100%	279	41.8	135	111	--	--	--	--
C1-Fluoranthenes/Pyrenes	4	4	100%	1880	313	1170	1250	--	--	--	--
C1-Fluorenes	4	4	100%	259	38.3	137	126	--	--	--	--
C1-Naphthalenes	4	4	100%	395	25.7	159	107	--	--	--	--
C1-Naphthobenzothiophenes	4	4	100%	247	34.4	153	165	--	--	--	--
C1-Phenanthrenes/Anthracenes	4	4	100%	1180	211	704	713	--	--	--	--
C2-Benzanthracenes/Chrysenes	4	4	100%	742	122	489	547	--	--	--	--
C2-Benzo(b)thiophene	4	4	100%	62.3	27.5	39.4	34	--	--	--	--
C2-Decalins	4	4	100%	131	33.2	75.5	69	--	--	--	--
C2-Dibenz(a,h)anthracenes	4	4	100%	202	22	110	108	--	--	--	--
C2-Dibenzothiophenes	4	4	100%	335	53.6	182	170	--	--	--	--
C2-Fluoranthenes/Pyrenes	4	4	100%	894	140	565	613	--	--	--	--
C2-Fluorenes	4	4	100%	299	13.7	120	83.6	--	--	--	--
C2-Naphthalenes	4	4	100%	423	77.4	217	184	--	--	--	--
C2-Naphthobenzothiophenes	4	4	100%	227	29.3	101	74.6	--	--	--	--
C2-Phenanthrenes/Anthracenes	4	4	100%	940	167	565	577	--	--	--	--
C3-Benzanthracenes/Chrysenes	4	4	100%	321	58.4	230	271	--	--	--	--
C3-Benzo(b)thiophene	4	3	75%	24.5	11.6	17.6	16.8	--	--	--	--
C3-Decalins	4	4	100%	87.9	21.7	46.1	37.5	--	--	--	--
C3-Dibenz(a,h)anthracenes	4	4	100%	59.9	10.6	32.9	30.6	--	--	--	--
C3-Dibenzothiophenes	4	4	100%	280	39.7	155	150	--	--	--	--
C3-Fluoranthenes/Pyrenes	4	4	100%	561	87.1	361	397	--	--	--	--
C3-Fluorenes	4	4	100%	277	50.1	157	150	--	--	--	--
C3-Naphthalenes	4	4	100%	524	110	262	207	--	--	--	--
C3-Naphthobenzothiophenes	4	4	100%	760	18.4	262	135	--	--	--	--
C3-Phenanthrenes/Anthracenes	4	4	100%	721	98.4	393	377	--	--	--	--
C4-Benzanthracenes/Chrysenes	4	4	100%	160	22.4	90.4	89.7	--	--	--	--
C4-Decalins	4	3	75%	124	23.6	62.5	39.8	--	--	--	--
C4-Dibenzothiophenes	4	4	100%	119	20.9	73.5	77	--	--	--	--
C4-Fluoranthenes/Pyrenes	4	4	100%	432	70.6	281	310	--	--	--	--
C4-Naphthalenes	4	4	100%	342	50.1	182	168	--	--	--	--
C4-Naphthobenzothiophenes	4	4	100%	21.2	3.8	15.3	18.1	--	--	--	--

Table 4-2b

Statistical Summary: Surface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
C4-Phenanthrenes/Anthracenes	4	4	100%	226	44.1	146	158	--	--	--	--
Pesticides (µg/kg)											
2,4'-DDD (o,p'-DDD)	2	0	0%	--	--	--	--	--	--	--	--
2,4'-DDE (o,p'-DDE)	2	1	50%	10.2	10.2	10.2	10.2	--	--	--	--
2,4'-DDT (o,p'-DDT)	2	0	0%	--	--	--	--	--	--	--	--
4,4'-DDD (p,p'-DDD)	2	2	100%	8.62	8.03	8.32	8.32	--	--	--	--
4,4'-DDE (p,p'-DDE)	2	0	0%	--	--	--	--	--	--	--	--
4,4'-DDT (p,p'-DDT)	2	0	0%	--	--	--	--	--	--	--	--
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)	2	1	50%	15.7	15.7	15.7	15.7	--	--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)	2	2	100%	13.6	13.5	13.6	13.6	--	--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)	2	2	100%	11.9	10.8	11.3	11.3	--	--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)	2	1	50%	12.9	12.9	12.9	12.9	--	--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)	2	0	0%	--	--	--	--	--	--	--	--
PH-ROD Total DDx (U = 1/2 max limit)	2	2	100%	29.2	25.2	27.2	27.2	7050	650	--	--
Dioxin Furans (µg/kg)											
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	2	2	100%	0.000312	0.000311	0.000311	0.000312	0.01	0.002	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	2	2	100%	0.000735	0.000605	0.00067	0.00067	0.01	0.003	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	2	2	100%	0.000921	0.000863	0.000892	0.000892	--	--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	2	2	100%	0.00418	0.00385	0.00402	0.00402	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	2	2	100%	0.00206	0.00197	0.00202	0.00202	--	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	2	2	100%	0.116	0.101	0.109	0.109	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	2	2	100%	1.15	0.951	1.05	1.05	--	--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	2	2	100%	0.00491	0.00445	0.00468	0.00468	--	--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	2	2	100%	0.00752	0.0059	0.00671	0.00671	--	--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	2	2	100%	0.0463	0.0386	0.0425	0.0425	--	--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	2	2	100%	0.356	0.256	0.306	0.306	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	2	2	100%	0.00959	0.00876	0.00917	0.00917	0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	2	2	100%	0.0121	0.0088	0.0104	0.0105	--	--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	2	2	100%	0.00635	0.00493	0.00564	0.00564	0.2	1	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	2	2	100%	0.0212	0.0141	0.0176	0.0177	0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	2	2	100%	0.00487	0.00349	0.00418	0.00418	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	2	2	100%	0.00144	0.000589	0.00101	0.00101	--	--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	2	2	100%	0.00193	0.00169	0.00181	0.00181	--	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	2	2	100%	0.0201	0.0178	0.0189	0.019	--	--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	2	2	100%	0.00396	0.00296	0.00346	0.00346	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	2	2	100%	0.0577	0.047	0.0523	0.0524	--	--	--	--
Total Tetrachlorodibenzofuran (TCDF)	2	2	100%	0.032	0.0294	0.0307	0.0307	--	--	--	--
Total Pentachlorodibenzofuran (PeCDF)	2	2	100%	0.0405	0.0307	0.0356	0.0356	--	--	--	--
Total Hexachlorodibenzofuran (HxCDF)	2	2	100%	0.054	0.0468	0.0504	0.0504	--	--	--	--
Total Heptachlorodibenzofuran (HpCDF)	2	2	100%	0.0615	0.0578	0.0597	0.0597	--	--	--	--

Table 4-2b
Statistical Summary: Surface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)	2	2	100%	0.0219	0.0182	0.0201	0.02	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)	2	2	100%	0.00922	0.00717	0.0082	0.0082	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)	2	2	100%	0.00963	0.00778	0.00871	0.0087	--	--	--	--
PCB Congeners (µg/kg)											
PCB-001	2	2	100%	0.00485	0.00369	0.00427	0.00427	--	--	--	--
PCB-002	2	2	100%	0.0146	0.00705	0.0108	0.0108	--	--	--	--
PCB-003	2	2	100%	0.00757	0.00359	0.00558	0.00558	--	--	--	--
PCB-004/010	2	2	100%	0.021	0.0126	0.0168	0.0168	--	--	--	--
PCB-005/008	2	2	100%	0.0395	0.0212	0.0304	0.0304	--	--	--	--
PCB-006	2	2	100%	0.00926	0.0061	0.00768	0.00768	--	--	--	--
PCB-007/009	2	1	50%	0.00359	0.00359	0.00359	0.00359	--	--	--	--
PCB-011	2	2	100%	0.0792	0.0325	0.0558	0.0559	--	--	--	--
PCB-012/013	2	2	100%	0.00777	0.00368	0.00573	0.00573	--	--	--	--
PCB-014	2	0	0%	--	--	--	--	--	--	--	--
PCB-015	2	2	100%	0.0377	0.0216	0.0297	0.0297	--	--	--	--
PCB-016/032	2	2	100%	0.052	0.0248	0.0384	0.0384	--	--	--	--
PCB-017	2	2	100%	0.0416	0.0204	0.031	0.031	--	--	--	--
PCB-018	2	2	100%	0.0684	0.0368	0.0526	0.0526	--	--	--	--
PCB-019	2	2	100%	0.0266	0.0119	0.0192	0.0193	--	--	--	--
PCB-020/021/033	2	2	100%	0.0828	0.0375	0.0602	0.0602	--	--	--	--
PCB-022	2	2	100%	0.0496	0.0226	0.0361	0.0361	--	--	--	--
PCB-023	2	0	0%	--	--	--	--	--	--	--	--
PCB-024/027	2	2	100%	0.00817	0.00412	0.00615	0.00615	--	--	--	--
PCB-025	2	2	100%	0.0216	0.0107	0.0162	0.0162	--	--	--	--
PCB-026	2	2	100%	0.0334	0.0137	0.0235	0.0236	--	--	--	--
PCB-028	2	2	100%	0.194	0.0763	0.135	0.135	--	--	--	--
PCB-029	2	1	50%	0.00073	0.00073	0.00073	0.00073	--	--	--	--
PCB-030	2	0	0%	--	--	--	--	--	--	--	--
PCB-031	2	2	100%	0.133	0.0651	0.0991	0.0991	--	--	--	--
PCB-034	2	1	50%	0.00273	0.00273	0.00273	0.00273	--	--	--	--
PCB-035	2	1	50%	0.00378	0.00378	0.00378	0.00378	--	--	--	--
PCB-036	2	0	0%	--	--	--	--	--	--	--	--
PCB-037	2	2	100%	0.0585	0.0241	0.0413	0.0413	--	--	--	--
PCB-038	2	1	50%	0.00309	0.00309	0.00309	0.00309	--	--	--	--
PCB-039	2	1	50%	0.00116	0.00116	0.00116	0.00116	--	--	--	--
PCB-040	2	2	100%	0.0429	0.0195	0.0312	0.0312	--	--	--	--
PCB-041/064/071/072	2	2	100%	0.19	0.0806	0.135	0.135	--	--	--	--
PCB-042/059	2	2	100%	0.0729	0.0307	0.0518	0.0518	--	--	--	--
PCB-043/049	2	2	100%	0.234	0.102	0.168	0.168	--	--	--	--
PCB-044	2	2	100%	0.211	0.093	0.152	0.152	--	--	--	--

Table 4-2b
Statistical Summary: Surface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
PCB-045	2	2	100%	0.0278	0.0118	0.0198	0.0198	--	--	--	--
PCB-046	2	2	100%	0.0137	0.00596	0.00983	0.00983	--	--	--	--
PCB-047	2	2	100%	0.139	0.059	0.099	0.099	--	--	--	--
PCB-048/075	2	2	100%	0.0386	0.0155	0.0271	0.0271	--	--	--	--
PCB-050	2	2	100%	0.0018	0.00064	0.00122	0.00122	--	--	--	--
PCB-051	2	2	100%	0.0275	0.0118	0.0197	0.0197	--	--	--	--
PCB-052/069	2	2	100%	0.277	0.13	0.204	0.204	--	--	--	--
PCB-053	2	2	100%	0.0463	0.0198	0.0331	0.0331	--	--	--	--
PCB-054	2	2	100%	0.00561	0.00281	0.00421	0.00421	--	--	--	--
PCB-055	2	2	100%	0.0034	0.00164	0.00252	0.00252	--	--	--	--
PCB-056/060	2	2	100%	0.157	0.0677	0.112	0.112	--	--	--	--
PCB-057	2	2	100%	0.00154	0.000733	0.00114	0.00114	--	--	--	--
PCB-058	2	2	100%	0.00163	0.000759	0.00119	0.00119	--	--	--	--
PCB-061/070	2	2	100%	0.321	0.145	0.233	0.233	--	--	--	--
PCB-062	2	0	0%	--	--	--	--	--	--	--	--
PCB-063	2	2	100%	0.0121	0.00527	0.00869	0.00869	--	--	--	--
PCB-065	2	0	0%	--	--	--	--	--	--	--	--
PCB-066/076	2	2	100%	0.275	0.114	0.195	0.195	--	--	--	--
PCB-067	2	2	100%	0.00718	0.00316	0.00517	0.00517	--	--	--	--
PCB-068	2	2	100%	0.00485	0.00197	0.00341	0.00341	--	--	--	--
PCB-073	2	2	100%	0.00181	0.000848	0.00133	0.00133	--	--	--	--
PCB-074	2	2	100%	0.121	0.0518	0.0864	0.0864	--	--	--	--
PCB-077	2	2	100%	0.0316	0.0136	0.0226	0.0226	--	--	--	--
PCB-078	2	1	50%	0.000808	0.000808	0.000808	0.000808	--	--	--	--
PCB-079	2	2	100%	0.00608	0.00241	0.00425	0.00425	--	--	--	--
PCB-080	2	0	0%	--	--	--	--	--	--	--	--
PCB-081	2	1	50%	0.000371	0.000371	0.000371	0.000371	--	--	--	--
PCB-082	2	2	100%	0.0495	0.0235	0.0365	0.0365	--	--	--	--
PCB-083	2	0	0%	--	--	--	--	--	--	--	--
PCB-084/092	2	2	100%	0.213	0.0985	0.156	0.156	--	--	--	--
PCB-085/116	2	2	100%	0.0724	0.0316	0.052	0.052	--	--	--	--
PCB-086	2	1	50%	0.000943	0.000943	0.000943	0.000943	--	--	--	--
PCB-087/117/125	2	2	100%	0.143	0.0637	0.103	0.103	--	--	--	--
PCB-088/091	2	2	100%	0.0813	0.036	0.0586	0.0586	--	--	--	--
PCB-089	2	2	100%	0.00375	0.00223	0.00299	0.00299	--	--	--	--
PCB-090/101	2	2	100%	0.539	0.254	0.396	0.397	--	--	--	--
PCB-093	2	1	50%	0.00379	0.00379	0.00379	0.00379	--	--	--	--
PCB-094	2	2	100%	0.00426	0.00152	0.00289	0.00289	--	--	--	--
PCB-095/098/102	2	2	100%	0.329	0.145	0.237	0.237	--	--	--	--
PCB-096	2	2	100%	0.00561	0.00198	0.00379	0.0038	--	--	--	--

Table 4-2b
Statistical Summary: Surface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
PCB-097	2	2	100%	0.124	0.0568	0.0904	0.0904	--	--	--	--
PCB-099	2	2	100%	0.226	0.103	0.164	0.165	--	--	--	--
PCB-100	2	2	100%	0.0119	0.00568	0.00879	0.00879	--	--	--	--
PCB-103	2	2	100%	0.0137	0.00686	0.0103	0.0103	--	--	--	--
PCB-104	2	1	50%	0.0012	0.0012	0.0012	0.0012	--	--	--	--
PCB-105	2	2	100%	0.181	0.077	0.129	0.129	--	--	--	--
PCB-106/118	2	2	100%	0.418	0.191	0.305	0.305	--	--	--	--
PCB-107/109	2	2	100%	0.0357	0.0166	0.0262	0.0262	--	--	--	--
PCB-108/112	2	2	100%	0.0205	0.00963	0.0151	0.0151	--	--	--	--
PCB-110	2	2	100%	0.492	0.21	0.351	0.351	--	--	--	--
PCB-111/115	2	2	100%	0.00583	0.00391	0.00487	0.00487	--	--	--	--
PCB-113	2	1	50%	0.00193	0.00193	0.00193	0.00193	--	--	--	--
PCB-114	2	2	100%	0.0099	0.00445	0.00717	0.00718	--	--	--	--
PCB-119	2	2	100%	0.0174	0.00815	0.0128	0.0128	--	--	--	--
PCB-120	2	2	100%	0.00407	0.000834	0.00245	0.00245	--	--	--	--
PCB-121	2	1	50%	0.000502	0.000502	0.000502	0.000502	--	--	--	--
PCB-122	2	2	100%	0.00565	0.00246	0.00406	0.00406	--	--	--	--
PCB-123	2	2	100%	0.00762	0.00274	0.00518	0.00518	--	--	--	--
PCB-124	2	2	100%	0.0149	0.00725	0.0111	0.0111	--	--	--	--
PCB-126	2	2	100%	0.00334	0.00102	0.00218	0.00218	--	--	--	--
PCB-127	2	0	0%	--	--	--	--	--	--	--	--
PCB-128/162	2	2	100%	0.102	0.0388	0.0704	0.0704	--	--	--	--
PCB-129	2	2	100%	0.0253	0.0109	0.0181	0.0181	--	--	--	--
PCB-130	2	2	100%	0.0489	0.0209	0.0349	0.0349	--	--	--	--
PCB-131/133	2	2	100%	0.0232	0.0111	0.0171	0.0172	--	--	--	--
PCB-132/161	2	2	100%	0.168	0.071	0.12	0.12	--	--	--	--
PCB-134/143	2	2	100%	0.035	0.0144	0.0247	0.0247	--	--	--	--
PCB-135	2	2	100%	0.0942	0.0344	0.0643	0.0643	--	--	--	--
PCB-136	2	2	100%	0.102	0.0454	0.0737	0.0737	--	--	--	--
PCB-137	2	2	100%	0.0242	0.00998	0.0171	0.0171	--	--	--	--
PCB-138/163/164	2	2	100%	0.73	0.289	0.51	0.51	--	--	--	--
PCB-139/149	2	2	100%	0.534	0.21	0.372	0.372	--	--	--	--
PCB-140	2	2	100%	0.00674	0.00323	0.00499	0.00499	--	--	--	--
PCB-141	2	2	100%	0.137	0.0552	0.0961	0.0961	--	--	--	--
PCB-142	2	0	0%	--	--	--	--	--	--	--	--
PCB-144	2	2	100%	0.0305	0.0119	0.0212	0.0212	--	--	--	--
PCB-145	2	0	0%	--	--	--	--	--	--	--	--
PCB-146/165	2	2	100%	0.14	0.0568	0.0984	0.0984	--	--	--	--
PCB-147	2	2	100%	0.0187	0.00909	0.0139	0.0139	--	--	--	--
PCB-148	2	2	100%	0.00341	0.00162	0.00251	0.00252	--	--	--	--

Table 4-2b

Statistical Summary: Surface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
PCB-150	2	2	100%	0.00362	0.0011	0.00236	0.00236	--	--	--	--
PCB-151	2	2	100%	0.177	0.0692	0.123	0.123	--	--	--	--
PCB-152	2	1	50%	0.00063	0.00063	0.00063	0.00063	--	--	--	--
PCB-153	2	2	100%	0.725	0.284	0.505	0.505	--	--	--	--
PCB-154	2	2	100%	0.021	0.00891	0.015	0.015	--	--	--	--
PCB-155	2	1	50%	0.000604	0.000604	0.000604	0.000604	--	--	--	--
PCB-156	2	2	100%	0.0645	0.0253	0.0449	0.0449	--	--	--	--
PCB-157	2	2	100%	0.0143	0.0053	0.0098	0.0098	--	--	--	--
PCB-158/160	2	2	100%	0.0683	0.0275	0.0479	0.0479	--	--	--	--
PCB-159	2	0	0%	--	--	--	--	--	--	--	--
PCB-166	2	2	100%	0.00229	0.000975	0.00163	0.00163	--	--	--	--
PCB-167	2	2	100%	0.026	0.0108	0.0184	0.0184	--	--	--	--
PCB-168	2	1	50%	0.00134	0.00134	0.00134	0.00134	--	--	--	--
PCB-169	2	0	0%	--	--	--	--	--	--	--	--
PCB-170	2	2	100%	0.225	0.0904	0.158	0.158	--	--	--	--
PCB-171	2	2	100%	0.0609	0.0247	0.0428	0.0428	--	--	--	--
PCB-172	2	2	100%	0.036	0.0155	0.0257	0.0258	--	--	--	--
PCB-173	2	2	100%	0.00454	0.00219	0.00337	0.00337	--	--	--	--
PCB-174	2	2	100%	0.224	0.092	0.158	0.158	--	--	--	--
PCB-175	2	2	100%	0.0081	0.00338	0.00574	0.00574	--	--	--	--
PCB-176	2	2	100%	0.0266	0.0116	0.0191	0.0191	--	--	--	--
PCB-177	2	2	100%	0.143	0.0602	0.102	0.102	--	--	--	--
PCB-178	2	2	100%	0.0589	0.0219	0.0404	0.0404	--	--	--	--
PCB-179	2	2	100%	0.104	0.0411	0.0726	0.0726	--	--	--	--
PCB-180	2	2	100%	0.517	0.206	0.362	0.362	--	--	--	--
PCB-181	2	2	100%	0.00549	0.00233	0.00391	0.00391	--	--	--	--
PCB-182/187	2	2	100%	0.309	0.126	0.217	0.218	--	--	--	--
PCB-183	2	2	100%	0.13	0.0508	0.0904	0.0904	--	--	--	--
PCB-184	2	2	100%	0.00062	0.000576	0.000598	0.000598	--	--	--	--
PCB-185	2	2	100%	0.0268	0.0106	0.0187	0.0187	--	--	--	--
PCB-186	2	0	0%	--	--	--	--	--	--	--	--
PCB-188	2	1	50%	0.000806	0.000806	0.000806	0.000806	--	--	--	--
PCB-189	2	2	100%	0.00842	0.00349	0.00595	0.00596	--	--	--	--
PCB-190	2	2	100%	0.046	0.0187	0.0323	0.0324	--	--	--	--
PCB-191	2	2	100%	0.00821	0.00318	0.00569	0.0057	--	--	--	--
PCB-192	2	0	0%	--	--	--	--	--	--	--	--
PCB-193	2	2	100%	0.0285	0.0114	0.02	0.02	--	--	--	--
PCB-194	2	2	100%	0.111	0.0524	0.0817	0.0817	--	--	--	--
PCB-195	2	2	100%	0.0457	0.0219	0.0338	0.0338	--	--	--	--
PCB-196/203	2	2	100%	0.127	0.0615	0.0943	0.0943	--	--	--	--

Table 4-2b
Statistical Summary: Surface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
PCB-197	2	2	100%	0.00391	0.00201	0.00296	0.00296	--	--	--	--
PCB-198	2	2	100%	0.00639	0.00212	0.00426	0.00426	--	--	--	--
PCB-199	2	2	100%	0.122	0.0542	0.0881	0.0881	--	--	--	--
PCB-200	2	2	100%	0.0144	0.00753	0.011	0.011	--	--	--	--
PCB-201	2	2	100%	0.018	0.00895	0.0135	0.0135	--	--	--	--
PCB-202	2	2	100%	0.0263	0.0109	0.0186	0.0186	--	--	--	--
PCB-204	2	0	0%	--	--	--	--	--	--	--	--
PCB-205	2	2	100%	0.00578	0.00181	0.00379	0.0038	--	--	--	--
PCB-206	2	2	100%	0.0789	0.0318	0.0554	0.0554	--	--	--	--
PCB-207	2	2	100%	0.0114	0.00446	0.00793	0.00793	--	--	--	--
PCB-208	2	2	100%	0.0251	0.0106	0.0178	0.0179	--	--	--	--
PCB-209	2	2	100%	0.12	0.0494	0.0847	0.0847	--	--	--	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.027	0.0143	0.0207	0.0207	--	--	--	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.198	0.0985	0.148	0.148	--	--	--	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.782	0.351	0.567	0.566	--	--	--	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	2.3	0.99	1.64	1.63	--	--	--	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	3.04	1.4	2.22	2.2	--	--	--	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	3.3	1.3	2.3	2.33	--	--	--	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	2	0.797	1.4	1.38	--	--	--	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.481	0.224	0.353	0.352	--	--	--	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.115	0.0469	0.081	0.0811	--	--	--	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.12	0.0494	0.0847	0.0847	--	--	--	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)	2	2	100%	0.00196	0.000833	0.0014	0.0014	--	--	--	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)	2	2	100%	2.36E-05	8.26E-06	0.0000159	0.0000159	--	--	--	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)	2	2	100%	0.000368	0.000119	0.000244	0.000244	--	--	--	--
PH-ROD Total PCB Congener (U = 1/2 max limit)	2	2	100%	12	5.3	8.65	8.8	200	1000	--	--
Total Petroleum Hydrocarbons (mg/kg)											
Diesel range hydrocarbons	4	2	50%	166	133	150	150	--	--	--	--
Motor oil range hydrocarbons	4	1	25%	428	428	428	428	--	--	--	--

Notes:
 µg/kg: microgram per kilogram
 CUL: cleanup level
 EPA: U.S. Environmental Protection Agency
 mg/kg: milligram per kilogram
 PCB: polychlorinated biphenyl
 PH: Portland Harbor
 PTW: principal threat waste
 RAL: remedial action level
 ROD: Record of Decision – Portland Harbor Superfund Site, Portland, Oregon

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-A	USMPDI-001SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-01-02-201111	USMPDI-001SC-A-02-03-201111	USMPDI-001SC-A-03-04-201111
				11/11/2020	11/11/2020	11/11/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.2	0.21	0.11
Total Solids	SM2540G			62.8	74.4	75.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-A	USMPDI-001SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-01-02-201111	USMPDI-001SC-A-02-03-201111	USMPDI-001SC-A-03-04-201111
				11/11/2020	11/11/2020	11/11/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-A	USMPDI-001SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-01-02-201111	USMPDI-001SC-A-02-03-201111	USMPDI-001SC-A-03-04-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			75.0 U	3.30 U	10.9
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			379	226	306
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			64.1 J	3.30 U	4.16
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			120	7.31	18.2
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			490	2.04 J	5.19
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			1010	3.88	10.4
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			706	2.71 J	7.55
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-A	USMPDI-001SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-01-02-201111	USMPDI-001SC-A-02-03-201111	USMPDI-001SC-A-03-04-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			830	2.77 J	7.87
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			235 J	3.30 U	2.51 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			582	2.54 J	7.32
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			56.7 J	3.30 U	3.06 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			1690	12.7	23.9
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			92.3	79.8	130
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-A	USMPDI-001SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-01-02-201111	USMPDI-001SC-A-02-03-201111	USMPDI-001SC-A-03-04-201111
				11/11/2020	11/11/2020	11/11/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
Indeno(1,2,3-c,d)pyrene	SW8270E			620	2.22 J	6.21
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	174	2.65 J	13.2
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			1420	154	251
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2130	9.88	21
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				941 JT	4.36 JT	10.1 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1300 JT	6.25 JT	13.9 JT
PH-ROD Total HPAH (U = 1/2 max limit)				8300 JT	42.0 JT	93.5 JT
PH-ROD Total LPAH (U = 1/2 max limit)				2300 JT	473 JT	730 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		11000 JT	515 JT	830 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-A	USMPDI-001SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-01-02-201111	USMPDI-001SC-A-02-03-201111	USMPDI-001SC-A-03-04-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/11/2020	11/11/2020	11/11/2020
C1-Naphthalenes	SW8270ESIM			1 - 2 ft	2 - 3 ft	3 - 4 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622035.347	7622035.347	7622035.347
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707316.468	707316.468	707316.468
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-A	USMPDI-001SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-01-02-201111	USMPDI-001SC-A-02-03-201111	USMPDI-001SC-A-03-04-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			11/11/2020	11/11/2020	11/11/2020
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			1 - 2 ft	2 - 3 ft	3 - 4 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622035.347	7622035.347	7622035.347
C3-Fluorenes	SW8270ESIM			707316.468	707316.468	707316.468
C3-Naphthalenes	SW8270DMSIM					
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.18 U	2.56 U	2.47 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.18 U	2.56 U	2.47 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.18 U	2.56 U	2.47 U
4,4'-DDD (p,p'-DDD)	SW8081B			3.18 U	2.56 U	2.47 U
4,4'-DDE (p,p'-DDE)	SW8081B			3.18 U	2.56 U	2.47 U
4,4'-DDT (p,p'-DDT)	SW8081B			3.18 U	2.56 U	2.47 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-A	USMPDI-001SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-01-02-201111	USMPDI-001SC-A-02-03-201111	USMPDI-001SC-A-03-04-201111
				11/11/2020	11/11/2020	11/11/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.18 UT	2.56 UT	2.47 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				3.18 UT	2.56 UT	2.47 UT
PH-ROD Sum DDD (U = 1/2 max limit)				3.18 UT	2.56 UT	2.47 UT
PH-ROD Sum DDE (U = 1/2 max limit)				3.18 UT	2.56 UT	2.47 UT
PH-ROD Sum DDT (U = 1/2 max limit)				3.18 UT	2.56 UT	2.47 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	3.18 UT	2.56 UT	2.47 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000126 U	0.0000457 U	0.0000421 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000293 U	0.000263 J	0.0000690 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000266 U	0.000189 J	0.0000916 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000285 U	0.000318 J	0.0000933 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000442 J	0.000793 J	0.0000932 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000387 U	0.00130 J	0.000972 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.00303 U	0.00507 U	0.012
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000268	0.000208	0.000207
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000254 J	0.00149 J	0.000119 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000630 J	0.00439	0.00138
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000976 J	0.00308	0.00265
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000164 U	0.0000263 U	0.0000197 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000171 U	0.0000552 U	0.0000415 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000141 U	0.0000490 U	0.0000342 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000126 U	0.0000918 J	0.0000463 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000125 U	0.000104 J	0.0000479 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000263 U	0.000129 U	0.0000180 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000137 U	0.000145 J	0.0000483 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000389 J	0.000298 J	0.0000681 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000112 U	0.000279 J	0.0000547 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0000388 U	0.000655 J	0.000119 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000151	0.0000263 U	0.0000197 U
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000151	0.0000552 U	0.0000415 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-A	USMPDI-001SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-01-02-201111	USMPDI-001SC-A-02-03-201111	USMPDI-001SC-A-03-04-201111
				11/11/2020	11/11/2020	11/11/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000455 J	0.000543 J	0.000119 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000389 J	0.000577	0.0000681 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0000463 JT	0.000466 JT	0.000103 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000366 JT	0.000454 JT	0.000100 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0000374 JT	0.000486 JT	0.0000982 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.00192 JT	0.00712 JT	0.0134 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.36 U	5.34 U	5.04 U
Aroclor 1221	SW8082A			6.36 U	5.34 U	5.04 U
Aroclor 1232	SW8082A			6.36 U	5.34 U	5.04 U
Aroclor 1242	SW8082A			6.36 U	5.34 U	5.04 U
Aroclor 1248	SW8082A			6.36 U	5.34 U	5.04 U
Aroclor 1254	SW8082A			6.36 U	5.34 U	5.04 U
Aroclor 1260	SW8082A			6.36 U	5.34 U	5.04 U
Aroclor 1262	SW8082A			6.36 U	5.34 U	5.04 U
Aroclor 1268	SW8082A			6.36 U	5.34 U	5.04 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	6.36 UT	5.34 UT	5.04 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-04-05-201111	USMPDI-001SC-B-00-02-201111	USMPDI-001SC-B-02-04-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	NP
Plastic limit	D4318			--	--	NP
Plasticity index	D4318			--	--	NP
Specific gravity	D854			--	--	2.71
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	0.363 J	0.135 U
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	41.1
Total organic carbon	SM5310BM			0.19	--	--
Total Solids	SM2540G			83.1	63.9	73.5
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	79.5
Total fines (Reported, not calculated)	D6913			--	--	20.5
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	23
Percent passing 850 micron sieve (#20)	D6913			--	--	99
Percent passing 425 micron sieve (#40)	D6913			--	--	98
Percent passing 250 micron sieve (#60)	D6913			--	--	61
Percent passing 150 micron sieve (#100)	D6913			--	--	30
Percent passing 75 micron sieve (#200)	D6913			--	--	21
Metals (mg/kg)						
Arsenic	SW6020B			--	4.65	2.49
Cadmium	SW6020B			--	0.158	0.131 U
Chromium	SW6020B			--	24.5	16.7
Copper	SW6020B			--	33.4	19.7
Lead	SW6020B			--	13.1	3.27
Manganese	SW6020B			--	605	319

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-04-05-201111	USMPDI-001SC-B-00-02-201111	USMPDI-001SC-B-02-04-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
Vanadium	SW6020B			--	87.6 J	63.8 J
Zinc	SW6020B			--	75.6	48.4
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	48.8 U	37.2 U
1,2-Dichloroethene, cis-	SW8260D			--	48.8 U	37.2 U
Benzene	SW8260D			--	13.6 J	14.9 U
Chlorobenzene	SW8260D		320	--	48.8 U	37.2 U
Ethylbenzene	SW8260D			--	48.8 U	37.2 U
m,p-Xylene	SW8260D			--	97.5 U	74.4 U
o-Xylene	SW8260D			--	48.8 U	37.2 U
Tetrachloroethene (PCE)	SW8260D			--	48.8 U	37.2 U
Toluene	SW8260D			--	97.5 U	74.4 U
Trichloroethene (TCE)	SW8260D			--	48.8 U	37.2 U
Vinyl chloride	SW8260D			--	48.8 U	37.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	160 JT	74.4 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	97.5 UT	74.4 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	5.0 U
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	0.8 J
Pentachlorophenol	SW8270E			--	381 U	32.9 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	1.2 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	2.5 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-04-05-201111	USMPDI-001SC-B-00-02-201111	USMPDI-001SC-B-02-04-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	1.8 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	6.1
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2.96 U	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	1.5 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			181	--	--
Acenaphthene	SW8270ESIM			--	--	131
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			7.57	--	--
Acenaphthylene	SW8270ESIM			--	--	1.7 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			15.7	--	--
Anthracene	SW8270ESIM			--	--	7.4
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			20.2	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	12
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			37.6	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	36.2
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			27.7	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	13.5
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-04-05-201111	USMPDI-001SC-B-00-02-201111	USMPDI-001SC-B-02-04-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	--	26.6
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			30.7	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	124
Benzo(j)fluoranthene	SW8270ESIM			--	--	7.8
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			9.10 J	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	6.2
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	0.6 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	0.7 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			28.8	--	--
Chrysene	SW8270ESIM			--	--	16.7
Decalin, cis-	SW8270ESIM			--	--	5.0 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	5.0 UJ
Dibenzo(a,h)anthracene	SW8270E			2.20 J	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	2.3 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	1.0 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	13
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			74.6	--	--
Fluoranthene	SW8270ESIM			--	--	51.3
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			43.4	--	--
Fluorene	SW8270ESIM			--	--	56.6
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-04-05-201111	USMPDI-001SC-B-00-02-201111	USMPDI-001SC-B-02-04-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
Indeno(1,2,3-c,d)pyrene	SW8270E			23.4	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	23.1
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	4.9	--	--
Naphthalene	SW8270ESIM		140000	--	--	3.5 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	94.6
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			139	--	--
Phenanthrene	SW8270ESIM			--	--	179
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			78.5	--	--
Pyrene	SW8270ESIM			--	--	68.6
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				36.8 JT	--	28 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	47.0 JT	--	43 JT
PH-ROD Total HPAH (U = 1/2 max limit)				333 JT	--	360 JT
PH-ROD Total LPAH (U = 1/2 max limit)				393 T	--	380 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		726 JT	--	740 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	4.8 J
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	2.8 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	5.0 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	5.0 U
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	4.1 J
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	10
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	11.9

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-04-05-201111	USMPDI-001SC-B-00-02-201111	USMPDI-001SC-B-02-04-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			11/11/2020	11/11/2020	11/11/2020
C1-Naphthalenes	SW8270ESIM			4 - 5 ft	0 - 2 ft	2 - 4 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622035.347	7622035.347	7622035.347
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707316.468	707316.468	707316.468
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	2.6 J
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	2.6 J
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	5.0 U
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	5.0 U
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	1.5 J
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	2.6 J
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	2.5 J
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	24.3
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	5.0 U
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	3.5 J
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	5.0 U
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	5.0 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	5.0 U
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	5.0 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-04-05-201111	USMPDI-001SC-B-00-02-201111	USMPDI-001SC-B-02-04-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			11/11/2020	11/11/2020	11/11/2020
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			4 - 5 ft	0 - 2 ft	2 - 4 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622035.347	7622035.347	7622035.347
C3-Fluorenes	SW8270ESIM			707316.468	707316.468	707316.468
C3-Naphthalenes	SW8270DMSIM					
C3-Naphthalenes	SW8270ESIM			--	--	0.7 J
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	1.6 J
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	5.0 U
C4-Benzanthracenes/Chrysenes	SW8270DMSIM			--	--	--
C4-Benzo(b)thiophene	SW8270ESIM			--	--	12.1
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	5.0 U
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	5.0 U
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	3.4 J
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	3.6 J
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	5.0 U
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	2.0 J
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.33 U	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			2.33 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			2.33 U	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			2.33 U	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			2.33 U	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			2.33 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-04-05-201111	USMPDI-001SC-B-00-02-201111	USMPDI-001SC-B-02-04-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.33 UT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.33 UT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				2.33 UT	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				2.33 UT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				2.33 UT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.33 UT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	78 U	70 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	78 U	70 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000481 U	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000655 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000713 U	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000733 U	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000744 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000778 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.00662 U	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00023	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000287 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00125 J	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00223	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000195 U	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000307 U	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000286 U	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000347 U	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000344 U	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000444 U	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000390 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000636 U	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000494 U	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0000691 U	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0000195 U	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000307 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-A	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-A-04-05-201111	USMPDI-001SC-B-00-02-201111	USMPDI-001SC-B-02-04-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000444 U	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000636 U	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0000976 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000931 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0000904 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.00446 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.80 U	--	--
Aroclor 1221	SW8082A			4.80 U	--	--
Aroclor 1232	SW8082A			4.80 U	--	--
Aroclor 1242	SW8082A			4.80 U	--	--
Aroclor 1248	SW8082A			4.80 U	--	--
Aroclor 1254	SW8082A			4.80 U	--	--
Aroclor 1260	SW8082A			4.80 U	--	--
Aroclor 1262	SW8082A			4.80 U	--	--
Aroclor 1268	SW8082A			4.80 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.80 UT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	67.3 U
Motor oil range hydrocarbons	NWTPHDx			--	--	135 U
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	3.12 UJ	2.68 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-B	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-B-04-06-201111	USMPDI-001SC-B-06-08-201111	USMPDI-001SC-B-08-9.6-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.0732 JT	0.0664 J	0.133 U
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	0.14	0.13
Total Solids	SM2540G			77.6 T	74.6	74
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.28 T	2.72	2.81
Cadmium	SW6020B			0.0707 JT	0.139 U	0.0729 J
Chromium	SW6020B			21.0 T	14.2	15.4
Copper	SW6020B			23.6 T	17.3	18.4
Lead	SW6020B			3.66 T	2.89	3.56
Manganese	SW6020B			1190 T	308	261

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-B	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-B-04-06-201111	USMPDI-001SC-B-06-08-201111	USMPDI-001SC-B-08-9.6-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 6 ft	6 - 8 ft	8 - 9.6 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
Vanadium	SW6020B			75.6 JT	59.4 J	63.6 J
Zinc	SW6020B			53.4 T	44.4	48.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			32.6 UT	38.8 U	39.3 U
1,2-Dichloroethene, cis-	SW8260D			32.6 UT	38.8 U	39.3 U
Benzene	SW8260D			13.0 UT	15.5 U	15.7 U
Chlorobenzene	SW8260D		320	32.6 UT	38.8 U	39.3 U
Ethylbenzene	SW8260D			32.6 UT	38.8 U	39.3 U
m,p-Xylene	SW8260D			65.2 UT	77.7 U	78.6 U
o-Xylene	SW8260D			32.6 UT	38.8 U	39.3 U
Tetrachloroethene (PCE)	SW8260D			32.6 UT	38.8 U	39.3 U
Toluene	SW8260D			65.2 UT	77.7 U	78.6 U
Trichloroethene (TCE)	SW8260D			32.6 UT	38.8 U	39.3 U
Vinyl chloride	SW8260D			32.6 UT	38.8 U	39.3 U
PH-ROD Total BTEX (U = 1/2 max limit)				65.2 UT	77.7 UT	78.6 UT
PH-ROD Total Xylene (U = 1/2 max limit)				65.2 UT	77.7 UT	78.6 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			30.4 UT	32.0 U	130 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-B	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-B-04-06-201111	USMPDI-001SC-B-06-08-201111	USMPDI-001SC-B-08-9.6-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	3.20 U	9.48 J
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	126	220
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	2.55 J	30
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	7.08	169
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	2.83 J	213 J
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	5.47	399 J
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	3.88	258
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-B	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-B-04-06-201111	USMPDI-001SC-B-06-08-201111	USMPDI-001SC-B-08-9.6-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	4.01	286
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	3.20 UJ	85.6 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	4.34	369
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	3.20 U	22.5
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	11.9	758 J
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	44.3 J	111
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-B	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-B-04-06-201111	USMPDI-001SC-B-06-08-201111	USMPDI-001SC-B-08-9.6-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 6 ft	6 - 8 ft	8 - 9.6 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
Indeno(1,2,3-c,d)pyrene	SW8270E			--	3.26	222 J
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	3.56	53.6 J
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	96.6 J	727
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	12	873 J
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	5.48 JT	344 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	8.09 JT	492 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	50.9 JT	3490 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	282 JT	1300 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	333 JT	4800 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-B	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-B-04-06-201111	USMPDI-001SC-B-06-08-201111	USMPDI-001SC-B-08-9.6-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-B	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-B-04-06-201111	USMPDI-001SC-B-06-08-201111	USMPDI-001SC-B-08-9.6-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	2.66 U	2.68 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	2.66 U	2.68 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	2.66 U	2.68 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	2.66 U	2.68 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	2.66 U	2.68 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	2.66 U	2.68 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-B	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-B-04-06-201111	USMPDI-001SC-B-06-08-201111	USMPDI-001SC-B-08-9.6-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 6 ft	6 - 8 ft	8 - 9.6 ft
				N	N	N
				7622035.347	7622035.347	7622035.347
				707316.468	707316.468	707316.468
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	2.66 UT	2.68 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	2.66 UT	2.68 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	2.66 UT	2.68 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	2.66 UT	2.68 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	2.66 UT	2.68 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	2.66 UT	2.68 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			65 UT	68 U	68 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			65 UT	68 U	68 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-001SC-B	USMPDI-001SC-B	USMPDI-001SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-001SC-B-04-06-201111	USMPDI-001SC-B-06-08-201111	USMPDI-001SC-B-08-9.6-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	5.19 U	5.19 U
Aroclor 1221	SW8082A			--	5.19 U	5.19 U
Aroclor 1232	SW8082A			--	5.19 U	5.19 U
Aroclor 1242	SW8082A			--	5.19 U	5.19 U
Aroclor 1248	SW8082A			--	5.19 U	5.19 U
Aroclor 1254	SW8082A			--	5.19 U	5.19 U
Aroclor 1260	SW8082A			--	5.19 U	5.19 U
Aroclor 1262	SW8082A			--	5.19 U	5.19 U
Aroclor 1268	SW8082A			--	5.19 U	5.19 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	5.19 UT	5.19 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.59 UJT	2.73 UJ	2.71 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-A	USMPDI-002SC-A	USMPDI-002SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-A-04-05-201111	USMPDI-002SC-A-05-06-201111	USMPDI-002SC-B-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7621947.825	7621947.825	7621947.825
				707255.091	707255.091	707255.091
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	13
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.68	1.2	3.2
Total Solids	SM2540G			69.6	65	56.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	4.33
Cadmium	SW6020B			--	--	0.341
Chromium	SW6020B			--	--	24.2
Copper	SW6020B			--	--	36.6
Lead	SW6020B			--	--	38.6
Manganese	SW6020B			--	--	408

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-A	USMPDI-002SC-A	USMPDI-002SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-A-04-05-201111	USMPDI-002SC-A-05-06-201111	USMPDI-002SC-B-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7621947.825	7621947.825	7621947.825
				707255.091	707255.091	707255.091
Vanadium	SW6020B			--	--	82.2 J
Zinc	SW6020B			--	--	125
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	70.7 U
1,2-Dichloroethene, cis-	SW8260D			--	--	70.7 U
Benzene	SW8260D			--	--	28.3 U
Chlorobenzene	SW8260D		320	--	--	70.7 U
Ethylbenzene	SW8260D			--	--	70.7 U
m,p-Xylene	SW8260D			--	--	141 U
o-Xylene	SW8260D			--	--	70.7 U
Tetrachloroethene (PCE)	SW8260D			--	--	70.7 U
Toluene	SW8260D			--	--	141 U
Trichloroethene (TCE)	SW8260D			--	--	70.7 U
Vinyl chloride	SW8260D			--	--	70.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	141 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	141 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			997 U	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			417	--	--
Pentachlorophenol	SW8270E			--	--	2090 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			242	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			838 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-A	USMPDI-002SC-A	USMPDI-002SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-A-04-05-201111	USMPDI-002SC-A-05-06-201111	USMPDI-002SC-B-00-02-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			277	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			239	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	294 U	1300
2-Methylnaphthalene	SW8270ESIM			389	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	1860	10500
Acenaphthene	SW8270ESIM			1990	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	401	1830
Acenaphthylene	SW8270ESIM			396	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	1670	12500
Anthracene	SW8270ESIM			2020	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	1560	19400
Benzo(a)anthracene	SW8270ESIM			1530	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	2630	31500
Benzo(a)pyrene	SW8270ESIM			1940	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	2000	21000
Benzo(b)fluoranthene	SW8270ESIM			823 J	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-A	USMPDI-002SC-A	USMPDI-002SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-A-04-05-201111	USMPDI-002SC-A-05-06-201111	USMPDI-002SC-B-00-02-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			1170	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	1940	16600
Benzo(g,h,i)perylene	SW8270ESIM			1870	--	--
Benzo(j)fluoranthene	SW8270ESIM			943 J	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	669 J	6890 J
Benzo(k)fluoranthene	SW8270ESIM			747 J	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			44.7	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			87.3	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	1730	19000
Chrysene	SW8270ESIM			2010	--	--
Decalin, cis-	SW8270ESIM			5.0 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			20.2 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	154	1780
Dibenzo(a,h)anthracene	SW8270ESIM			226	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			176	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			2110	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	8260	66100
Fluoranthene	SW8270ESIM			10700	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	1210	10500
Fluorene	SW8270ESIM			1970	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-A	USMPDI-002SC-A	USMPDI-002SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-A-04-05-201111	USMPDI-002SC-A-05-06-201111	USMPDI-002SC-B-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7621947.825	7621947.825	7621947.825
				707255.091	707255.091	707255.091
Indeno(1,2,3-c,d)pyrene	SW8270E			--	1490	13700
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1060	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	1530	3600
Naphthalene	SW8270ESIM		140000	1360 J	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			462 J	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	13100	70700
Phenanthrene	SW8270ESIM			20300	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	9080	73700
Pyrene	SW8270ESIM			12400	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2510 JT	2700 JT	28000 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2520 JT	3300 JT	39000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				34200 JT	30000 JT	270000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				28400 JT	19900 T	110000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		62700 JT	49000 JT	380000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			714	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			54.1	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			354	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			222	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			1000	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			2090	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			1150	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-A	USMPDI-002SC-A	USMPDI-002SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-A-04-05-201111	USMPDI-002SC-A-05-06-201111	USMPDI-002SC-B-00-02-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			515	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			356	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			2990	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			431	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			197	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			848	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			75.5	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			891	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			672	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			1800	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			1140	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			139	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			2290	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			198	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			318	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			543	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			18.6	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-A	USMPDI-002SC-A	USMPDI-002SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-A-04-05-201111	USMPDI-002SC-A-05-06-201111	USMPDI-002SC-B-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7621947.825	7621947.825	7621947.825
				707255.091	707255.091	707255.091
C3-Dibenzothiophenes	SW8270ESIM			732	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			474	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			1820	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			1690	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			5.0 U	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			1760	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			73.3	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			1290	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			461	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			620	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			1990	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			24.1	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			887	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			7.03 U	5.98 U	65.5
2,4'-DDE (o,p'-DDE)	SW8081B			5.90 U	5.98 U	39.2 U
2,4'-DDT (o,p'-DDT)	SW8081B			5.62 U	5.98 U	34.1 U
4,4'-DDD (p,p'-DDD)	SW8081B			10.8	5.98 U	132
4,4'-DDE (p,p'-DDE)	SW8081B			5.62 U	5.98 U	25.4 J
4,4'-DDT (p,p'-DDT)	SW8081B			5.62 U	5.98 U	34.1 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-A	USMPDI-002SC-A	USMPDI-002SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-A-04-05-201111	USMPDI-002SC-A-05-06-201111	USMPDI-002SC-B-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7621947.825	7621947.825	7621947.825
				707255.091	707255.091	707255.091
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				7.03 UT	5.98 UT	102 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				16.4 T	5.98 UT	174 JT
PH-ROD Sum DDD (U = 1/2 max limit)				14.3 T	5.98 UT	198 T
PH-ROD Sum DDE (U = 1/2 max limit)				5.90 UT	5.98 UT	45.0 JT
PH-ROD Sum DDT (U = 1/2 max limit)				5.62 UT	5.98 UT	34.1 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	25.7 T	5.98 UT	277 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	87 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	87 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000729 J	0.0000513 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000131 J	0.0000773 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000201 J	0.0000854 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00214 J	0.000289 J	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000547 J	0.000182 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0577	0.00624	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.579	0.0735	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000783 J	0.00038	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00144 J	0.000743 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0118	0.00289 J	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.106	0.0135	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000614	0.000209 J	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000705 J	0.000182 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000771 J	0.000157 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00157 J	0.000305 J	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000557 J	0.000125 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000192 J	0.0000997 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000626 J	0.000100 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0138	0.00129 J	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000463 J	0.0000848 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00983	0.00187 J	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00488 J	0.000880 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00728	0.00148	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-A	USMPDI-002SC-A	USMPDI-002SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-A-04-05-201111	USMPDI-002SC-A-05-06-201111	USMPDI-002SC-B-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7621947.825	7621947.825	7621947.825
				707255.091	707255.091	707255.091
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0195	0.00227	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0324	0.00340 J	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00230 JT	0.000595 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00134 JT	0.000312 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00200 JT	0.000384 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.669 JT	0.0847 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.51 U	6.01 U	11.6 U
Aroclor 1221	SW8082A			5.51 U	6.01 U	6.70 U
Aroclor 1232	SW8082A			5.51 U	6.01 U	12.9 U
Aroclor 1242	SW8082A			5.51 U	6.01 U	17.1 U
Aroclor 1248	SW8082A			5.51 U	6.01 U	16.8 U
Aroclor 1254	SW8082A			5.02 J	6.01 U	39.9 U
Aroclor 1260	SW8082A			5.51 U	6.01 U	32
Aroclor 1262	SW8082A			5.51 U	6.01 U	6.70 U
Aroclor 1268	SW8082A			5.51 U	6.01 U	8.88 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	27.1 JT	6.01 UT	92.3 T
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			907	--	--
Motor oil range hydrocarbons	NWTPHDx			580	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	7.9 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-B	USMPDI-002SC-B	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-B-02-04-201111	USMPDI-002SC-B-04-06-201111	USMPDI-003SC-A-01-02-201110
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	48	--
Plastic limit	D4318			--	37	--
Plasticity index	D4318			--	11	--
Specific gravity	D854			--	2.7	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			10.5	0.289	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	47.1	--
Total organic carbon	SM5310BM			3	--	0.083 T
Total Solids	SM2540G			54.5	67.7	68.3 T
Grain Size (pct)						
Gravel	D6913			--	12.1	--
Sand	D6913			--	43.1	--
Total fines (Reported, not calculated)	D6913			--	44.8	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	100	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	88	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	88	--
Percent passing 4750 micron sieve (#4)	D6913			--	88	--
Percent passing 2000 micron sieve (#10)	D6913			--	87	--
Percent passing 110 micron sieve (#140)	D6913			--	50	--
Percent passing 850 micron sieve (#20)	D6913			--	85	--
Percent passing 425 micron sieve (#40)	D6913			--	80	--
Percent passing 250 micron sieve (#60)	D6913			--	64	--
Percent passing 150 micron sieve (#100)	D6913			--	55	--
Percent passing 75 micron sieve (#200)	D6913			--	45	--
Metals (mg/kg)						
Arsenic	SW6020B			5.02	3.18	--
Cadmium	SW6020B			0.439	0.112 J	--
Chromium	SW6020B			31.9	18.3	--
Copper	SW6020B			48.7	22.7	--
Lead	SW6020B			38.2	11.7	--
Manganese	SW6020B			447	376	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-B	USMPDI-002SC-B	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-B-02-04-201111	USMPDI-002SC-B-04-06-201111	USMPDI-003SC-A-01-02-201110
				11/11/2020	11/11/2020	11/10/2020
				2 - 4 ft	4 - 6 ft	1 - 2 ft
				N	N	N
				7621947.825	7621947.825	7622120.939
				707255.091	707255.091	707247.827
Vanadium	SW6020B			105 J	68.6 J	--
Zinc	SW6020B			150	68.5	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			73.5 U	75.6 U	--
1,2-Dichloroethene, cis-	SW8260D			73.5 U	75.6 U	--
Benzene	SW8260D			29.4 U	17.5 J	--
Chlorobenzene	SW8260D		320	73.5 U	75.6 U	--
Ethylbenzene	SW8260D			73.5 U	75.6 U	--
m,p-Xylene	SW8260D			147 U	151 U	--
o-Xylene	SW8260D			73.5 U	75.6 U	--
Tetrachloroethene (PCE)	SW8260D			73.5 U	75.6 U	--
Toluene	SW8260D			147 U	151 U	--
Trichloroethene (TCE)	SW8260D			73.5 U	75.6 U	--
Vinyl chloride	SW8260D			73.5 U	75.6 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				147 UT	244 JT	--
PH-ROD Total Xylene (U = 1/2 max limit)				147 UT	151 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			3110	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			482	--	--
Pentachlorophenol	SW8270E			1090 U	171 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			292	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			3250	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-B	USMPDI-002SC-B	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-B-02-04-201111	USMPDI-002SC-B-04-06-201111	USMPDI-003SC-A-01-02-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			1500	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			1860	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	2.57 JT
2-Methylnaphthalene	SW8270ESIM			798	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	11.2 T
Acenaphthene	SW8270ESIM			8540	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	1.86 JT
Acenaphthylene	SW8270ESIM			712	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	3.48 JT
Anthracene	SW8270ESIM			2850	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	11.4 T
Benzo(a)anthracene	SW8270ESIM			12200	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	17.0 T
Benzo(a)pyrene	SW8270ESIM			20800	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	14.8 T
Benzo(b)fluoranthene	SW8270ESIM			9280	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-B	USMPDI-002SC-B	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-B-02-04-201111	USMPDI-002SC-B-04-06-201111	USMPDI-003SC-A-01-02-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			11400	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	10.1 T
Benzo(g,h,i)perylene	SW8270ESIM			16700	--	--
Benzo(j)fluoranthene	SW8270ESIM			7780	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	5.33 JT
Benzo(k)fluoranthene	SW8270ESIM			5940	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			194	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			164	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	12.2 T
Chrysene	SW8270ESIM			16400	--	--
Decalin, cis-	SW8270ESIM			49.9 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			308 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	1.80 JT
Dibenzo(a,h)anthracene	SW8270ESIM			2050	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			538	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			5150	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	29.8 T
Fluoranthene	SW8270ESIM			54500	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	2.37 JT
Fluorene	SW8270ESIM			7040	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-B	USMPDI-002SC-B	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-B-02-04-201111	USMPDI-002SC-B-04-06-201111	USMPDI-003SC-A-01-02-201110
				11/11/2020	11/11/2020	11/10/2020
				2 - 4 ft	4 - 6 ft	1 - 2 ft
				N	N	N
				7621947.825	7621947.825	7622120.939
				707255.091	707255.091	707247.827
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	8.84 T
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			10100	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	6.01 T
Naphthalene	SW8270ESIM		140000	3130	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			5600	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	27.5 JT
Phenanthrene	SW8270ESIM			58600	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	29.7 T
Pyrene	SW8270ESIM			63000	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				23000 T	--	20.2 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	26100 T	--	22.3 JT
PH-ROD Total HPAH (U = 1/2 max limit)				220000 T	--	141 JT
PH-ROD Total LPAH (U = 1/2 max limit)				81700 T	--	54.9 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		300000 T	--	196 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			6000	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			301	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			3080	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			2010	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			3840	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			13600	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			4980	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-B	USMPDI-002SC-B	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-B-02-04-201111	USMPDI-002SC-B-04-06-201111	USMPDI-003SC-A-01-02-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			1060	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			2280	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			15200	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			3040	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			1280	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			4760	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			635	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			2740	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			4770	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			4420	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			9140	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			1050	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			8330	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			1430	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			2570	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			3020	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			253	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-B	USMPDI-002SC-B	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-B-02-04-201111	USMPDI-002SC-B-04-06-201111	USMPDI-003SC-A-01-02-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			2160	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			2550	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			3910	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			12400	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			2230	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			4740	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			652	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			4350	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			1020	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			5850	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			8690	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			202	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			2200	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			35.4 U	--	2.77 UJT
2,4'-DDE (o,p'-DDE)	SW8081B			35.4 U	--	2.77 UJT
2,4'-DDT (o,p'-DDT)	SW8081B			35.4 U	--	2.77 UJT
4,4'-DDD (p,p'-DDD)	SW8081B			35.4 U	--	2.77 UJT
4,4'-DDE (p,p'-DDE)	SW8081B			35.4 U	--	2.77 UJT
4,4'-DDT (p,p'-DDT)	SW8081B			35.4 U	--	2.77 UJT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-B	USMPDI-002SC-B	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-B-02-04-201111	USMPDI-002SC-B-04-06-201111	USMPDI-003SC-A-01-02-201110
				11/11/2020	11/11/2020	11/10/2020
				2 - 4 ft	4 - 6 ft	1 - 2 ft
				N	N	N
				7621947.825	7621947.825	7622120.939
				707255.091	707255.091	707247.827
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				35.4 UT	--	2.77 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				35.4 UT	--	2.77 UJT
PH-ROD Sum DDD (U = 1/2 max limit)				35.4 UT	--	2.77 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				35.4 UT	--	2.77 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				35.4 UT	--	2.77 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	35.4 UT	--	2.77 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			90 U	73 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			90 U	73 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000188 UT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000260 UT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000393 UT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000258 JT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000399 UT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.00378 T
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	0.0366 T
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.000348 T
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.000260 UT
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00208 JT
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.00882 T
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.00126 T
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0123 T
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.00323 T
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0160 JT
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00790 T
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000587 JT
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00125 JT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00489 JT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00273 T
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.00369 JT
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.00173 JT
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0112 JT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-002SC-B	USMPDI-002SC-B	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-002SC-B-02-04-201111	USMPDI-002SC-B-04-06-201111	USMPDI-003SC-A-01-02-201110
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0232 JT
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00776 T
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.00863 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.00528 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.00445 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	0.0950 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.23 U	--	5.36 UT
Aroclor 1221	SW8082A			7.23 U	--	5.36 UT
Aroclor 1232	SW8082A			7.23 U	--	5.36 UT
Aroclor 1242	SW8082A			7.23 U	--	5.36 UT
Aroclor 1248	SW8082A			7.23 U	--	5.36 UT
Aroclor 1254	SW8082A			9.04 U	--	5.36 UT
Aroclor 1260	SW8082A			20.9	--	5.36 UT
Aroclor 1262	SW8082A			7.23 U	--	5.36 UT
Aroclor 1268	SW8082A			10.5 U	--	5.36 UT
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	52.4 T	--	5.36 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			1390	--	--
Motor oil range hydrocarbons	NWTPHDx			1390	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			7.05 J	2.87 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-A	USMPDI-003SC-A	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-A-02-03-201110	USMPDI-003SC-A-03-04-201110	USMPDI-003SC-A-04-05-201110
				USMPDI-003SC-A	USMPDI-003SC-A	USMPDI-003SC-A
				USMPDI-003SC-A-02-03-201110	USMPDI-003SC-A-03-04-201110	USMPDI-003SC-A-04-05-201110
				11/10/2020	11/10/2020	11/10/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622120.939	7622120.939	7622120.939
				707247.827	707247.827	707247.827
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.085	0.046	0.066
Total Solids	SM2540G			78.8	83.8	76.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-A	USMPDI-003SC-A	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-A-02-03-201110	USMPDI-003SC-A-03-04-201110	USMPDI-003SC-A-04-05-201110
				11/10/2020	11/10/2020	11/10/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622120.939	7622120.939	7622120.939
				707247.827	707247.827	707247.827
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-A	USMPDI-003SC-A	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-A-02-03-201110	USMPDI-003SC-A-03-04-201110	USMPDI-003SC-A-04-05-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			3.14 U	2.90 U	3.12 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2.18 J	2.05 J	8.64
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.14 U	2.90 U	3.12 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3.14 U	2.90 U	1.67 J
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2.00 J	1.56 J	6.67
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			5.09	2.73 J	11.2
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			3.8	2.36 J	9.1
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-A	USMPDI-003SC-A	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-A-02-03-201110	USMPDI-003SC-A-03-04-201110	USMPDI-003SC-A-04-05-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			4.77	2.03 J	7.81
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.14 U	2.90 U	3.03 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2.06 J	1.89 J	7.72
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3.14 U	2.90 U	3.12 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			4.89	3.52	18.4
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3.14 U	2.90 U	2.10 J
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-A	USMPDI-003SC-A	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-A-02-03-201110	USMPDI-003SC-A-03-04-201110	USMPDI-003SC-A-04-05-201110
				11/10/2020	11/10/2020	11/10/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622120.939	7622120.939	7622120.939
				707247.827	707247.827	707247.827
Indeno(1,2,3-c,d)pyrene	SW8270E			3.83	1.69 J	6.39
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	3.14 U	2.90 U	3.05 J
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			6.04	5.26	25.3
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			6.99	4.78	22.3
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				5.37 T	3.81 JT	12.1 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	7.64 JT	4.76 JT	15.0 JT
PH-ROD Total HPAH (U = 1/2 max limit)				36.6 JT	23.5 JT	94.2 JT
PH-ROD Total LPAH (U = 1/2 max limit)				16.1 JT	14.6 JT	43.9 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		52.6 JT	38.0 JT	138 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-A	USMPDI-003SC-A	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-A-02-03-201110	USMPDI-003SC-A-03-04-201110	USMPDI-003SC-A-04-05-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/10/2020	11/10/2020	11/10/2020
C1-Naphthalenes	SW8270ESIM			2 - 3 ft	3 - 4 ft	4 - 5 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622120.939	7622120.939	7622120.939
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707247.827	707247.827	707247.827
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-A	USMPDI-003SC-A	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-A-02-03-201110	USMPDI-003SC-A-03-04-201110	USMPDI-003SC-A-04-05-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.50 U	2.32 U	2.49 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.50 U	2.32 U	2.49 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.50 U	2.32 U	2.49 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.50 U	2.32 U	2.49 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.50 U	2.32 U	2.49 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.50 U	2.32 U	2.49 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-A	USMPDI-003SC-A	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-A-02-03-201110	USMPDI-003SC-A-03-04-201110	USMPDI-003SC-A-04-05-201110
				11/10/2020	11/10/2020	11/10/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622120.939	7622120.939	7622120.939
				707247.827	707247.827	707247.827
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.50 UT	2.32 UT	2.49 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.50 UT	2.32 UT	2.49 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.50 UT	2.32 UT	2.49 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.50 UT	2.32 UT	2.49 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.50 UT	2.32 UT	2.49 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.50 UT	2.32 UT	2.49 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000174 U	0.000170 U	0.000183 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000270 U	0.000266 U	0.000239 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000259 U	0.000241 U	0.000429 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000256 U	0.000251 U	0.000415 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000273 U	0.000252 U	0.000414 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00124 J	0.00140 J	0.00165 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0106	0.0105	0.0159
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000174 U	0.000170 U	0.000183 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000270 U	0.000266 U	0.000239 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00145 J	0.000959 J	0.00112
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00346	0.00341 J	0.00493 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000115 U	0.000126 U	0.000113 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000969 U	0.0000980 U	0.000171 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000962 U	0.0000955 U	0.000184 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000107 U	0.000111 U	0.000150 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000105 U	0.000108 U	0.000155 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000142 U	0.000146 U	0.000213 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000117 U	0.000111 U	0.000168 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000131 U	0.000165 U	0.000175 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000109 U	0.000155 U	0.000171 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000274 U	0.000214 U	0.000362 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000115 U	0.000126 U	0.000113 U
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000969 U	0.0000980 U	0.000184 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-A	USMPDI-003SC-A	USMPDI-003SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-A-02-03-201110	USMPDI-003SC-A-03-04-201110	USMPDI-003SC-A-04-05-201110
				11/10/2020	11/10/2020	11/10/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622120.939	7622120.939	7622120.939
				707247.827	707247.827	707247.827
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000142 U	0.000146 U	0.000213 U
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000131 U	0.000165 U	0.000175 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000381 JT	0.000381 JT	0.000441 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000346 JT	0.000338 JT	0.000415 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000323 JT	0.000320 JT	0.000367 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0131 JT	0.0132 JT	0.0193 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.65 U	4.62 U	4.90 U
Aroclor 1221	SW8082A			4.65 U	4.62 U	4.90 U
Aroclor 1232	SW8082A			4.65 U	4.62 U	4.90 U
Aroclor 1242	SW8082A			4.65 U	4.62 U	4.90 U
Aroclor 1248	SW8082A			4.65 U	4.62 U	4.90 U
Aroclor 1254	SW8082A			4.65 U	4.62 U	4.90 U
Aroclor 1260	SW8082A			4.65 U	4.62 U	4.90 U
Aroclor 1262	SW8082A			4.65 U	4.62 U	4.90 U
Aroclor 1268	SW8082A			4.65 U	4.62 U	4.90 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.65 UT	4.62 UT	4.90 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-003SC-B	USMPDI-003SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-00-02-201110	USMPDI-003SC-B-02-04-201110	USMPDI-003SC-B-04-06-201110
				11/10/2020	11/10/2020	11/10/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622120.939	7622120.939	7622120.939
				707247.827	707247.827	707247.827
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	NP
Plastic limit	D4318			--	--	NP
Plasticity index	D4318			--	--	NP
Specific gravity	D854			--	--	2.71
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			1.81 J	0.123 UJ	0.126 U
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	26.3
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			63.2	78.8	78.6
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	89
Total fines (Reported, not calculated)	D6913			--	--	11
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	12
Percent passing 850 micron sieve (#20)	D6913			--	--	100
Percent passing 425 micron sieve (#40)	D6913			--	--	97
Percent passing 250 micron sieve (#60)	D6913			--	--	39
Percent passing 150 micron sieve (#100)	D6913			--	--	14
Percent passing 75 micron sieve (#200)	D6913			--	--	11
Metals (mg/kg)						
Arsenic	SW6020B			5.02	3.82	3.7
Cadmium	SW6020B			0.162	0.0846 J	0.125 U
Chromium	SW6020B			32.4	24	19.9
Copper	SW6020B			38.5	23.4	20.8
Lead	SW6020B			9.9	3.51	3.55
Manganese	SW6020B			548	395	276

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-003SC-B	USMPDI-003SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-00-02-201110	USMPDI-003SC-B-02-04-201110	USMPDI-003SC-B-04-06-201110
				11/10/2020	11/10/2020	11/10/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622120.939	7622120.939	7622120.939
				707247.827	707247.827	707247.827
Vanadium	SW6020B			107 J	93.3 J	82.6 J
Zinc	SW6020B			95.6	61.5	55.3
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			48.9 U	37.4 U	34.4 U
1,2-Dichloroethene, cis-	SW8260D			48.9 U	37.4 U	34.4 U
Benzene	SW8260D			19.6 U	14.9 U	13.8 U
Chlorobenzene	SW8260D		320	48.9 U	37.4 U	34.4 U
Ethylbenzene	SW8260D			48.9 U	37.4 U	34.4 U
m,p-Xylene	SW8260D			97.8 U	74.7 U	68.8 U
o-Xylene	SW8260D			48.9 U	37.4 U	34.4 U
Tetrachloroethene (PCE)	SW8260D			48.9 U	37.4 U	34.4 U
Toluene	SW8260D			97.8 U	74.7 U	68.8 U
Trichloroethene (TCE)	SW8260D			48.9 U	37.4 U	34.4 U
Vinyl chloride	SW8260D			48.9 U	37.4 U	34.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				97.8 UT	74.7 UT	68.8 UT
PH-ROD Total Xylene (U = 1/2 max limit)				97.8 UT	74.7 UT	68.8 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			151 U	30.7 U	30.4 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-003SC-B	USMPDI-003SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-00-02-201110	USMPDI-003SC-B-02-04-201110	USMPDI-003SC-B-04-06-201110
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/10/2020	11/10/2020	11/10/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			0 - 2 ft	2 - 4 ft	4 - 6 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622120.939	7622120.939	7622120.939
2-Methylanthracene	SW8270DMSIM			707247.827	707247.827	707247.827
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-003SC-B	USMPDI-003SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-00-02-201110	USMPDI-003SC-B-02-04-201110	USMPDI-003SC-B-04-06-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-003SC-B	USMPDI-003SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-00-02-201110	USMPDI-003SC-B-02-04-201110	USMPDI-003SC-B-04-06-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-003SC-B	USMPDI-003SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-00-02-201110	USMPDI-003SC-B-02-04-201110	USMPDI-003SC-B-04-06-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			0 - 2 ft	2 - 4 ft	4 - 6 ft
C1-Naphthalenes	SW8270ESIM			N	N	N
C1-Naphthobenzothiophenes	SW8270DMSIM			7622120.939	7622120.939	7622120.939
C1-Naphthobenzothiophenes	SW8270ESIM			707247.827	707247.827	707247.827
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-003SC-B	USMPDI-003SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-00-02-201110	USMPDI-003SC-B-02-04-201110	USMPDI-003SC-B-04-06-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-003SC-B	USMPDI-003SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-00-02-201110	USMPDI-003SC-B-02-04-201110	USMPDI-003SC-B-04-06-201110
				11/10/2020	11/10/2020	11/10/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622120.939	7622120.939	7622120.939
				707247.827	707247.827	707247.827
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			83 UJ	64 UJ	64 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			83 UJ	64 UJ	64 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-003SC-B	USMPDI-003SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-00-02-201110	USMPDI-003SC-B-02-04-201110	USMPDI-003SC-B-04-06-201110
				11/10/2020	11/10/2020	11/10/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622120.939	7622120.939	7622120.939
				707247.827	707247.827	707247.827
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	--
Aroclor 1221	SW8082A			--	--	--
Aroclor 1232	SW8082A			--	--	--
Aroclor 1242	SW8082A			--	--	--
Aroclor 1248	SW8082A			--	--	--
Aroclor 1254	SW8082A			--	--	--
Aroclor 1260	SW8082A			--	--	--
Aroclor 1262	SW8082A			--	--	--
Aroclor 1268	SW8082A			--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.28 UJ	2.57 UJ	2.58 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-06-08-201110	USMPDI-004SC-A-01-02-201111	USMPDI-004SC-A-02-03-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.119 U	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.047	1.9	2.2
Total Solids	SM2540G			83.3	59.5	59.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.36	--	--
Cadmium	SW6020B			0.0780 J	--	--
Chromium	SW6020B			20.6	--	--
Copper	SW6020B			20.2	--	--
Lead	SW6020B			3.28	--	--
Manganese	SW6020B			257	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-06-08-201110	USMPDI-004SC-A-01-02-201111	USMPDI-004SC-A-02-03-201111
				11/10/2020	11/11/2020	11/11/2020
				6 - 8 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622120.939	7622033.075	7622033.075
				707247.827	707159.686	707159.686
Vanadium	SW6020B			82.3 J	--	--
Zinc	SW6020B			54.7	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			35.1 U	--	--
1,2-Dichloroethene, cis-	SW8260D			35.1 U	--	--
Benzene	SW8260D			14.0 U	--	--
Chlorobenzene	SW8260D		320	35.1 U	--	--
Ethylbenzene	SW8260D			35.1 U	--	--
m,p-Xylene	SW8260D			70.2 U	--	--
o-Xylene	SW8260D			35.1 U	--	--
Tetrachloroethene (PCE)	SW8260D			35.1 U	--	--
Toluene	SW8260D			70.2 U	--	--
Trichloroethene (TCE)	SW8260D			35.1 U	--	--
Vinyl chloride	SW8260D			35.1 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				70.2 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				70.2 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	686	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	118	--
Pentachlorophenol	SW8270E			29.8 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	115	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	692	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-06-08-201110	USMPDI-004SC-A-01-02-201111	USMPDI-004SC-A-02-03-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/10/2020	11/11/2020	11/11/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			6 - 8 ft	1 - 2 ft	2 - 3 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622120.939	7622033.075	7622033.075
2-Methylanthracene	SW8270DMSIM			707247.827	707159.686	707159.686
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM					
2-Methylnaphthalene	SW8270E			2.98 U	--	1960 U
2-Methylnaphthalene	SW8270ESIM			--	300	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2.98 U	--	5100
Acenaphthene	SW8270ESIM			--	1500	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.98 U	--	1270 J
Acenaphthylene	SW8270ESIM			--	222	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.98 U	--	2230
Anthracene	SW8270ESIM			--	837	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2.98 U	--	5510
Benzo(a)anthracene	SW8270ESIM			--	14500	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			2.98 U	--	6590
Benzo(a)pyrene	SW8270ESIM			--	16000	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.98 U	--	5300
Benzo(b)fluoranthene	SW8270ESIM			--	9490	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-06-08-201110	USMPDI-004SC-A-01-02-201111	USMPDI-004SC-A-02-03-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	2230	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.98 U	--	4440
Benzo(g,h,i)perylene	SW8270ESIM			--	2410	--
Benzo(j)fluoranthene	SW8270ESIM			--	1330	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.98 U	--	1700 J
Benzo(k)fluoranthene	SW8270ESIM			--	1200	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	40.3	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	247	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2.98 U	--	6210
Chrysene	SW8270ESIM			--	17600	--
Decalin, cis-	SW8270ESIM			--	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	25.0 UJ	--
Dibenzo(a,h)anthracene	SW8270E			2.98 U	--	1960 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	360	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	175	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	540	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			2.98 U	--	23500
Fluoranthene	SW8270ESIM			--	56100	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.98 U	--	4260
Fluorene	SW8270ESIM			--	1270	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-06-08-201110	USMPDI-004SC-A-01-02-201111	USMPDI-004SC-A-02-03-201111
				11/10/2020	11/11/2020	11/11/2020
				6 - 8 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622120.939	7622033.075	7622033.075
				707247.827	707159.686	707159.686
Indeno(1,2,3-c,d)pyrene	SW8270E			2.98 U	--	3720
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	1980	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.98 U	--	3950
Naphthalene	SW8270ESIM		140000	--	609	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	830	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			2.98 U	--	21800
Phenanthrene	SW8270ESIM			--	48400	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2.98 U	--	20100
Pyrene	SW8270ESIM			--	47900	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.98 UT	12000 T	7000 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.98 UT	19000 T	9000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				2.98 UT	170000 T	78000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				2.98 UT	53000 T	40000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		2.98 UT	220000 T	120000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	2040	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	44.2	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	321	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	792	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	543	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	3910	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	723	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-06-08-201110	USMPDI-004SC-A-01-02-201111	USMPDI-004SC-A-02-03-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			11/10/2020	11/11/2020	11/11/2020
C1-Naphthalenes	SW8270ESIM			6 - 8 ft	1 - 2 ft	2 - 3 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622120.939	7622033.075	7622033.075
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707247.827	707159.686	707159.686
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	360	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	472	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	3360	--
C2-Decalins	SW8270ESIM			--	1190	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	86.2	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	596	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	168	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	650	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	1560	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	749	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	611	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	378	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	2240	--
C3-Decalins	SW8270DMSIM			--	644	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	163	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	465	--
				--	108	--
				--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-06-08-201110	USMPDI-004SC-A-01-02-201111	USMPDI-004SC-A-02-03-201111
				11/10/2020	11/11/2020	11/11/2020
				6 - 8 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622120.939	7622033.075	7622033.075
				707247.827	707159.686	707159.686
C3-Dibenzothiophenes	SW8270ESIM			--	607	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	1000	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	804	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	1130	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	278	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	1480	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	330	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	638	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	322	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	665	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	896	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	40.9	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	548	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.25 U	14.5	22.9
2,4'-DDE (o,p'-DDE)	SW8081B			2.25 U	6.32 U	9.95 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.25 U	6.32 U	6.42 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.25 U	43.6	69.7
4,4'-DDE (p,p'-DDE)	SW8081B			2.25 U	7.15	9.41
4,4'-DDT (p,p'-DDT)	SW8081B			2.25 U	9.44	6.42 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-06-08-201110	USMPDI-004SC-A-01-02-201111	USMPDI-004SC-A-02-03-201111
				11/10/2020	11/11/2020	11/11/2020
				6 - 8 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622120.939	7622033.075	7622033.075
				707247.827	707159.686	707159.686
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.25 UT	20.8 T	31.1 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.25 UT	60.2 T	82.3 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.25 UT	58.1 T	92.6 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.25 UT	10.3 T	14.4 T
PH-ROD Sum DDT (U = 1/2 max limit)				2.25 UT	12.6 T	6.42 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.25 UT	81.0 T	113 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			61 UJ	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			61 UJ	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000943	0.0000836 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.00266	0.000225 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00418	0.000205 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.031	0.00113 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0093	0.000396 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.841	0.0436
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	8.04	0.425
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.0126 J	0.000252
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.0310 J	0.00115 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.338	0.0144
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	2.46	0.116
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0202	0.000935
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0425	0.000978 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.02	0.000731 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.103	0.00140 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0256	0.000367 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00204 J	0.000192 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00753	0.000141 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0952	0.00259
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.016	0.000358 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.146	0.00612
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0750 J	0.00378 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.147	0.00488 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-003SC-B	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-003SC-B-06-08-201110	USMPDI-004SC-A-01-02-201111	USMPDI-004SC-A-02-03-201111
				11/10/2020	11/11/2020	11/11/2020
				6 - 8 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622120.939	7622033.075	7622033.075
				707247.827	707159.686	707159.686
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.269	0.00567
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.25	0.00828 J
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0661 JT	0.00229 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0358 JT	0.00100 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0431 JT	0.00146 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	9.41 JT	0.484 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.38 U	6.67 U	6.69 U
Aroclor 1221	SW8082A			4.38 U	6.67 U	6.69 U
Aroclor 1232	SW8082A			4.38 U	6.67 U	6.69 U
Aroclor 1242	SW8082A			4.38 U	11.6 J	18.9 J
Aroclor 1248	SW8082A			4.38 U	6.67 U	6.69 U
Aroclor 1254	SW8082A			4.38 U	31.7 J	43.3 J
Aroclor 1260	SW8082A			4.38 U	20.0 J	31.3 J
Aroclor 1262	SW8082A			4.38 U	6.67 U	6.69 U
Aroclor 1268	SW8082A			4.38 U	6.67 U	6.69 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.38 UT	83.3 JT	114 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	258	--
Motor oil range hydrocarbons	NWTPHDx			--	419	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.46 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-03-04-201111	USMPDI-004SC-A-04-05-201111	USMPDI-004SC-A-05-06-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.1	2.4	--
Total Solids	SM2540G			61.1	59.6	63.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-03-04-201111	USMPDI-004SC-A-04-05-201111	USMPDI-004SC-A-05-06-201111
				11/11/2020	11/11/2020	11/11/2020
				3 - 4 ft	4 - 5 ft	5 - 6 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	1510
2-Methylpyrene	SW8270DMSIM			--	--	1550
4-Methylpyrene	SW8270DMSIM			--	--	1380
Benzo(b)fluorene	SW8270DMSIM			--	--	2440
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	265
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	249
1-Methylnaphthalene	SW8270DMSIM			--	--	278
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	2310
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-03-04-201111	USMPDI-004SC-A-04-05-201111	USMPDI-004SC-A-05-06-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	690
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	685
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	1100
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	929
2-Methylnaphthalene	SW8270DMSIM			--	--	551
2-Methylnaphthalene	SW8270E			1440 U	953 U	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	3420
4-Methyldibenzothiophene	SW8270DMSIM			--	--	803
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	2380
Acenaphthene	SW8270DMSIM			--	--	5460
Acenaphthene	SW8270E			3940	3680	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	1880
Acenaphthylene	SW8270E			1130	645	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	8040
Anthracene	SW8270E			2770	3140	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	13000
Benzo(a)anthracene	SW8270E			5740	4340	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	3140
Benzo(a)pyrene	SW8270DMSIM			--	--	20800
Benzo(a)pyrene	SW8270E			8300	6220	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	13600 J
Benzo(b)fluoranthene	SW8270E			6480	4860	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	1160
Benzo(e)pyrene	SW8270DMSIM			--	--	11300

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-03-04-201111	USMPDI-004SC-A-04-05-201111	USMPDI-004SC-A-05-06-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	19900
Benzo(g,h,i)perylene	SW8270E			5150	3390	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	8730
Benzo(j,k)fluoranthene	SW8270E			2250 J	1700 J	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	4340
Benzothiophene	SW8270DMSIM			--	--	134
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	218
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	14800
Chrysene	SW8270E			6680	5040	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	130
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			566	415	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	2670 J
Dibenzofuran	SW8270DMSIM			--	--	526
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	5020
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	42100
Fluoranthene	SW8270E			20400	15000	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	4470
Fluorene	SW8270E			3490	3000	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	13800 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-03-04-201111	USMPDI-004SC-A-04-05-201111	USMPDI-004SC-A-05-06-201111
				11/11/2020	11/11/2020	11/11/2020
				3 - 4 ft	4 - 5 ft	5 - 6 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
Indeno(1,2,3-c,d)pyrene	SW8270E			4210	3000	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	1810
Naphthalene	SW8270E		140000	4440	1820	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	6150
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	43400
Phenanthrene	SW8270E			21100	15500	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	51700
Pyrene	SW8270E			20000	15000	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	3040
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				8730 JT	6600 JT	22300 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	11000 JT	7900 JT	28000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				80000 JT	59000 JT	200000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				37600 T	28000 T	65600 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		120000 JT	87000 JT	270000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	2730
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	128
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	4010
C1-Decalins	SW8270DMSIM			--	--	446
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	2380
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	12100
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	2010
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-03-04-201111	USMPDI-004SC-A-04-05-201111	USMPDI-004SC-A-05-06-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	541
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	1240
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	11400
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	628
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	1910
C2-Decalins	SW8270DMSIM			--	--	896
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	2010
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	3080
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	2050
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	4000
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	689
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	6220
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	979
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	1060
C3-Decalins	SW8270DMSIM			--	--	787
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	1290

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-03-04-201111	USMPDI-004SC-A-04-05-201111	USMPDI-004SC-A-05-06-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	1460
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	1650
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	5110
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	555
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	3210
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	731
C4-Chrysenes	SW8270DMSIM			--	--	593
C4-Decalins	SW8270DMSIM			--	--	1040
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	492
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	834
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	2780
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	199
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	2160
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			21.6	31.6	13.7 J
2,4'-DDE (o,p'-DDE)	SW8081B			12.5 U	12.1 U	15.3 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			12.5 U	6.52 U	15.3 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			60.7	67.4	40.8 J
4,4'-DDE (p,p'-DDE)	SW8081B			8.40 J	12.4	15.3 UJ
4,4'-DDT (p,p'-DDT)	SW8081B			12.5 U	8.89	17.5 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-03-04-201111	USMPDI-004SC-A-04-05-201111	USMPDI-004SC-A-05-06-201111
				11/11/2020	11/11/2020	11/11/2020
				3 - 4 ft	4 - 5 ft	5 - 6 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				34.1 T	40.9 T	29.0 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				75.3 JT	88.7 T	66.0 JT
PH-ROD Sum DDD (U = 1/2 max limit)				82.3 T	99.0 T	54.5 JT
PH-ROD Sum DDE (U = 1/2 max limit)				14.7 JT	18.5 T	15.3 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				12.5 UT	12.2 T	25.2 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	109 JT	130 T	95.0 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.00121	0.0000602 U	0.000755
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00201 J	0.000140 U	0.00174 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00287	0.000226 J	0.00162 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0183	0.00146 J	0.00768
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00621	0.000460 J	0.00308 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.721	0.0803	0.234
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			7.74	0.637	2.78
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0108 J	0.000168	0.00465 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0198	0.00101 J	0.00379
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.226	0.0233	0.0594
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			1.65	0.196	0.509
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0286	0.00793	0.0169
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0402	0.0184	0.0272
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0246	0.00854	0.012
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0715	0.0214	0.0459
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0189	0.00445	0.0143
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00126 J	0.000642 J	0.00677
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00752	0.00124 J	0.00677
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0994	0.00683	0.111
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0138	0.00161 J	0.0105
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.191	0.0154	0.146
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.118 J	0.0179	0.0858 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.168	0.0449 J	0.121

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-03-04-201111	USMPDI-004SC-A-04-05-201111	USMPDI-004SC-A-05-06-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.218	0.036	0.152
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.263	0.0178	0.255
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0740 JT	0.0215 JT	0.0437 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0332 JT	0.00882 JT	0.0207 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0380 JT	0.00808 JT	0.0216 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				8.99 JT	0.806 JT	3.43 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.36 U	6.59 U	5.92 U
Aroclor 1221	SW8082A			6.36 U	6.59 U	5.92 U
Aroclor 1232	SW8082A			6.36 U	6.59 U	5.92 U
Aroclor 1242	SW8082A			31.4 J	26.8 J	6.34 J
Aroclor 1248	SW8082A			6.36 U	6.59 U	5.92 U
Aroclor 1254	SW8082A			42.6 J	52.8 J	6.08 U
Aroclor 1260	SW8082A			26.3 J	37.4 J	8.65 J
Aroclor 1262	SW8082A			6.36 U	6.59 U	5.92 U
Aroclor 1268	SW8082A			6.36 U	6.59 U	5.92 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	119 JT	137 JT	35.8 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			61.8	56.9	59.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				11/11/2020	11/11/2020	11/11/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			443	--	--
2-Methylpyrene	SW8270DMSIM			452	--	--
4-Methylpyrene	SW8270DMSIM			386	--	--
Benzo(b)fluorene	SW8270DMSIM			1060	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			135	34.5	64.4
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			50.6	--	--
1-Methylnaphthalene	SW8270DMSIM			112	29.5	30.5
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			571	83.3	120
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			76.4	12.6	10.1
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			171	30.2	27
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			268	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			191	--	--
2-Methylnaphthalene	SW8270DMSIM			183	43.5	54.4
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			741	--	--
4-Methyldibenzothiophene	SW8270DMSIM			163	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			625	--	--
Acenaphthene	SW8270DMSIM			797	113	214
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			285	86.5	123
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			1940	257	468
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			5100	399	1260
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			1270	--	--
Benzo(a)pyrene	SW8270DMSIM			8650	538	2100
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			5320 J	339	1290
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			364	--	--
Benzo(e)pyrene	SW8270DMSIM			4580	356	1280

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			8660	576	2270
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			3510	330	1120
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			1320	102	281
Benzothiophene	SW8270DMSIM			59.6	11.9	16.7
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			81.4	17.3 J	25.1 J
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			5710	538	1630
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			77.5	23	14.6 J
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			1110 J	58.2	204
Dibenzofuran	SW8270DMSIM			71.3	26.9	27.8
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			831	86.6	150
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			13500	1680	4270
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			808	116	156
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			6160 J	356	1440

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				11/11/2020	11/11/2020	11/11/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	1140	316	368
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			2530	374	857
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			9560	1220	2180
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			16300	2080	5440
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			329	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				8830 JT	670 T	2410 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	11000 JT	710 T	2700 T
PH-ROD Total HPAH (U = 1/2 max limit)				74000 JT	6900 T	21000 T
PH-ROD Total LPAH (U = 1/2 max limit)				14700 T	2150 T	3560 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		89000 JT	9000 T	25000 T
3-Methylphenanthrene	SW8270DMSIM			609	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			23.2	5.08	4.69
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			1510	162	358
C1-Decalins	SW8270DMSIM			321	93.1	62.8
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			475	54.3	83.8
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			4030	413	940
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			363	48.5	57
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			191	45.6	53
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			430	50.1	93.4
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			2680	337	501
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			38.5	6.68	5.79
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			658	115	185
C2-Decalins	SW8270DMSIM			621	166	135
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			427	71.9	84.9
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			941	150	238
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			387	82.7	89.3
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			360	62.4	51.1
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			241	49.9	72.4
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			1530	288	348
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			74.7	11.1	10.4
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			397	104	147
C3-Decalins	SW8270DMSIM			484	130	113
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			325	88.4	96

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			460	113	153
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			384	114	108
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			520	82	67.5
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			199	41.2	71.8
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			917	264	266
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			74.9	--	--
C4-Chrysenes	SW8270DMSIM			234	68.5	93.4
C4-Decalins	SW8270DMSIM			558	148	145
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			144	51.3	54.6
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			311	112	134
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			420	75.3	67.2
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			93.4	45.9	49.1
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			462	202	171
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			15.8 UJ	3.29 UJ	3.33 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			15.8 UJ	3.29 UJ	3.33 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			15.8 UJ	3.29 UJ	3.33 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			15.8 UJ	3.29 UJ	3.33 UJ
4,4'-DDE (p,p'-DDE)	SW8081B			15.8 UJ	3.29 UJ	3.33 UJ
4,4'-DDT (p,p'-DDT)	SW8081B			15.8 UJ	3.29 UJ	3.33 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				11/11/2020	11/11/2020	11/11/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				15.8 UJT	3.29 UJT	3.33 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				15.8 UJT	3.29 UJT	3.33 UJT
PH-ROD Sum DDD (U = 1/2 max limit)				15.8 UJT	3.29 UJT	3.33 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				15.8 UJT	3.29 UJT	3.33 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				15.8 UJT	3.29 UJT	3.33 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	15.8 UJT	3.29 UJT	3.33 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000247 U	0.0000492 U	0.0000742 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000589 U	0.0000747 U	0.000126 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000886 U	0.0000729 U	0.000195 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000689 U	0.0000716 U	0.000202 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000615 U	0.0000842 U	0.000218 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00295 J	0.000223 U	0.00159 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0287	0.000224 U	0.0126
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000247 U	0.0000492 U	0.000375
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000589 U	0.0000747 U	0.000307
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000886 U	0.0000842 U	0.00135
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00411	0.000223 U	0.00372
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000222 U	0.0000658 U	0.000208 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000482 U	0.0000403 U	0.000130 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000403 U	0.0000307 U	0.0000810 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000514 U	0.0000256 U	0.0000740 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000562 U	0.0000270 U	0.0000508 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000456 U	0.0000392 U	0.0000728 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000488 U	0.0000295 U	0.0000599 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000636 U	0.0000559 U	0.000143 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000440 U	0.0000691 U	0.0000988 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00136 U	0.000105 U	0.000153 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000803	0.0000658 U	0.00127 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000482 U	0.0000403 U	0.000211 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				USMPDI-004SC-A	USMPDI-004SC-A	USMPDI-004SC-A
				USMPDI-004SC-A-06-07-201111	USMPDI-004SC-A-07-08-201111	USMPDI-004SC-A-08-09-201111
				11/11/2020	11/11/2020	11/11/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000514 U	0.0000392 U	0.000181 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000636 U	0.0000691 U	0.000143
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000923 JT	0.0000747 UT	0.000440 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000877 JT	0.0000747 UT	0.000230 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000751 JT	0.0000747 UT	0.000218 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0359 JT	0.000224 UT	0.0155 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.32 U	6.83 U	6.50 U
Aroclor 1221	SW8082A			6.32 U	6.83 U	6.50 U
Aroclor 1232	SW8082A			6.32 U	6.83 U	6.50 U
Aroclor 1242	SW8082A			6.32 U	6.83 U	6.50 U
Aroclor 1248	SW8082A			6.32 U	6.83 U	6.50 U
Aroclor 1254	SW8082A			6.32 U	6.83 U	6.50 U
Aroclor 1260	SW8082A			6.32 U	6.83 U	6.50 U
Aroclor 1262	SW8082A			6.32 U	6.83 U	6.50 U
Aroclor 1268	SW8082A			6.32 U	6.83 U	6.50 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	6.32 UT	6.83 UT	6.50 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-09-10-201111	USMPDI-004SC-B-00-02-201111	USMPDI-004SC-B-02-04-201111
				11/11/2020	11/11/2020	11/11/2020
				9 - 10 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	3.15	5.66
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			60.5	58	60.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	4.88	4.56
Cadmium	SW6020B			--	0.286	0.245
Chromium	SW6020B			--	29.2	24.3
Copper	SW6020B			--	54	43.5
Lead	SW6020B			--	24.3	35.7
Manganese	SW6020B			--	455	433

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-09-10-201111	USMPDI-004SC-B-00-02-201111	USMPDI-004SC-B-02-04-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			--	87.7 J	83.3 J
Zinc	SW6020B			--	147	149
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	61.7 U	55.8 U
1,2-Dichloroethene, cis-	SW8260D			--	61.7 U	55.8 U
Benzene	SW8260D			--	24.7 U	22.3 U
Chlorobenzene	SW8260D		320	--	61.7 U	55.8 U
Ethylbenzene	SW8260D			--	61.7 U	55.8 U
m,p-Xylene	SW8260D			--	123 U	112 U
o-Xylene	SW8260D			--	61.7 U	55.8 U
Tetrachloroethene (PCE)	SW8260D			--	61.7 U	55.8 U
Toluene	SW8260D			--	123 U	112 U
Trichloroethene (TCE)	SW8260D			--	61.7 U	55.8 U
Vinyl chloride	SW8260D			--	61.7 U	55.8 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	123 UT	112 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	123 UT	112 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	719
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			74.4	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	144
Pentachlorophenol	SW8270E			--	82.5 J	1020 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			63	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	186
1-Methylphenanthrene	SW8270DMSIM			92.7	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	834

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-09-10-201111	USMPDI-004SC-B-00-02-201111	USMPDI-004SC-B-02-04-201111
				11/11/2020	11/11/2020	11/11/2020
				9 - 10 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			10.9	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	225
2,6-Dimethylnaphthalene	SW8270DMSIM			54.1	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	159
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			128	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	344
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			281	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	1700
Acenaphthylene	SW8270DMSIM			137	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	232
Anthracene	SW8270DMSIM			430	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	923
Benzo(a)anthracene	SW8270DMSIM			1040	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	2860
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			2070	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	4120
Benzo(b)fluoranthene	SW8270DMSIM			1170	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	1940
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			1220	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-09-10-201111	USMPDI-004SC-B-00-02-201111	USMPDI-004SC-B-02-04-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	2390
Benzo(g,h,i)perylene	SW8270DMSIM			2380	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	3200
Benzo(j)fluoranthene	SW8270ESIM			--	--	1640
Benzo(j,k)fluoranthene	SW8270DMSIM			1070	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	1360
Benzonaphthothiophene	SW8270DMSIM			251	--	--
Benzothiophene	SW8270DMSIM			11.4	--	--
Benzothiophene	SW8270ESIM			--	--	48.8
Carbazole	SW8270DMSIM			15.5 J	--	--
Carbazole	SW8270ESIM			--	--	167
Chrysene	SW8270DMSIM			1320	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	3630
Decalin, cis-	SW8270ESIM			--	--	24.9 UJ
Decalin, cis- & trans-	SW8270DMSIM			7.17 J	--	--
Decalin, trans-	SW8270ESIM			--	--	26.6 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	442
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			175	--	--
Dibenzofuran	SW8270DMSIM			26.4	--	--
Dibenzofuran	SW8270ESIM			--	--	218
Dibenzothiophene	SW8270DMSIM			150	--	--
Dibenzothiophene	SW8270ESIM			--	--	755
Fluoranthene	SW8270DMSIM			4150	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	12200
Fluorene	SW8270DMSIM			151	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	1430
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			1430	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-09-10-201111	USMPDI-004SC-B-00-02-201111	USMPDI-004SC-B-02-04-201111
				11/11/2020	11/11/2020	11/11/2020
				9 - 10 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	2160
Naphthalene	SW8270DMSIM		140000	315	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	813
Perylene	SW8270DMSIM			810	--	--
Perylene	SW8270ESIM			--	--	1150
Phenanthrene	SW8270DMSIM			2150	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	10100
Pyrene	SW8270DMSIM			5510	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	13000
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2240 T	--	4940 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2620 T	--	5280 T
PH-ROD Total HPAH (U = 1/2 max limit)				20300 T	--	47000 T
PH-ROD Total LPAH (U = 1/2 max limit)				3600 T	--	16000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		24000 T	--	62000 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	2140
C1-Benzo(b)thiophene	SW8270DMSIM			5.06	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	57.1
C1-Chrysenes	SW8270DMSIM			240	--	--
C1-Decalins	SW8270DMSIM			30.5	--	--
C1-Decalins	SW8270ESIM			--	--	690
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	679
C1-Dibenzothiophenes	SW8270DMSIM			45.3	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	677
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			760	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	3800
C1-Fluorenes	SW8270DMSIM			59.5	--	--
C1-Fluorenes	SW8270ESIM			--	--	814

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-09-10-201111	USMPDI-004SC-B-00-02-201111	USMPDI-004SC-B-02-04-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			119	--	--
C1-Naphthalenes	SW8270ESIM			--	--	467
C1-Naphthobenzothiophenes	SW8270DMSIM			52.9	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	639
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			407	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	3710
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	929
C2-Benzo(b)thiophene	SW8270DMSIM			5.66	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	203
C2-Chrysenes	SW8270DMSIM			130	--	--
C2-Decalins	SW8270DMSIM			67	--	--
C2-Decalins	SW8270ESIM			--	--	725
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	252
C2-Dibenzothiophenes	SW8270DMSIM			46.3	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	767
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			176	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1640
C2-Fluorenes	SW8270DMSIM			71.4	--	--
C2-Fluorenes	SW8270ESIM			--	--	900
C2-Naphthalenes	SW8270DMSIM			97.2	--	--
C2-Naphthalenes	SW8270ESIM			--	--	1060
C2-Naphthobenzothiophenes	SW8270DMSIM			46.2	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	329
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			233	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	2530
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	450
C3-Benzo(b)thiophene	SW8270DMSIM			8.05	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	327
C3-Chrysenes	SW8270DMSIM			100	--	--
C3-Decalins	SW8270DMSIM			59.8	--	--
C3-Decalins	SW8270ESIM			--	--	553
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	68.6
C3-Dibenzothiophenes	SW8270DMSIM			58.3	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-09-10-201111	USMPDI-004SC-B-00-02-201111	USMPDI-004SC-B-02-04-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	--	673
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			99.8	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	819
C3-Fluorenes	SW8270DMSIM			73.2	--	--
C3-Fluorenes	SW8270ESIM			--	--	912
C3-Naphthalenes	SW8270DMSIM			70	--	--
C3-Naphthalenes	SW8270ESIM			--	--	1970
C3-Naphthobenzothiophenes	SW8270DMSIM			61.2	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	395
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			167	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1670
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	173
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			67.8	--	--
C4-Decalins	SW8270DMSIM			74.9	--	--
C4-Decalins	SW8270ESIM			--	--	639
C4-Dibenzothiophenes	SW8270DMSIM			34	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	333
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			89.6	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	922
C4-Naphthalenes	SW8270DMSIM			50.6	--	--
C4-Naphthalenes	SW8270ESIM			--	--	1170
C4-Naphthobenzothiophenes	SW8270DMSIM			31	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	43.3
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			105	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	814
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.24 UJ	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			3.24 UJ	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.24 UJ	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			3.24 UJ	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			3.24 UJ	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			3.24 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-09-10-201111	USMPDI-004SC-B-00-02-201111	USMPDI-004SC-B-02-04-201111
				11/11/2020	11/11/2020	11/11/2020
				9 - 10 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.24 UJT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				3.24 UJT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				3.24 UJT	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				3.24 UJT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				3.24 UJT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	3.24 UJT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	88 U	83 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	88 U	83 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000480 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000954 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000969 U	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000903 U	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000972 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000941 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.00646	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000511 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0000910 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000654	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00235	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000244 J	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000953 U	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000470 J	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000389 U	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000410 U	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000525 U	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000419 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000741 U	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000940 U	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000113 U	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00113	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000470 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-A	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-A-09-10-201111	USMPDI-004SC-B-00-02-201111	USMPDI-004SC-B-02-04-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			11/11/2020	11/11/2020	11/11/2020
Total Heptachlorodibenzofuran (HpCDF)	E1613B			9 - 10 ft	0 - 2 ft	2 - 4 ft
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				N	N	N
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				7622033.075	7622033.075	7622033.075
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				707159.686	707159.686	707159.686
PH-ROD Total PCDD/F (U = 1/2 max limit)						
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			0.0000525 U	--	--
Aroclor 1221	SW8082A			0.0000940 U	--	--
Aroclor 1232	SW8082A			0.000410 JT	--	--
Aroclor 1242	SW8082A			0.000170 JT	--	--
Aroclor 1248	SW8082A			0.000171 JT	--	--
Aroclor 1254	SW8082A			0.00821 JT	--	--
Aroclor 1260	SW8082A					
Aroclor 1262	SW8082A					
Aroclor 1268	SW8082A					
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	6.30 U	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	555
Motor oil range hydrocarbons	NWTPHDx			--	--	1140
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	3.46 UJ	3.35 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-04-06-201111	USMPDI-004SC-B-06-08-201111	USMPDI-004SC-B-08-10-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			59	--	--
Plastic limit	D4318			39	--	--
Plasticity index	D4318			20	--	--
Specific gravity	D854			2.61	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			5.73	0.474	0.212
Conventional Parameters (pct)						
Moisture (water) content	D2216			71.4	--	--
Total organic carbon	SM5310BM			--	2.2	1.5
Total Solids	SM2540G			63	60.3	64.6
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			22.4	--	--
Total fines (Reported, not calculated)	D6913			77.6	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			99	--	--
Percent passing 110 micron sieve (#140)	D6913			84	--	--
Percent passing 850 micron sieve (#20)	D6913			99	--	--
Percent passing 425 micron sieve (#40)	D6913			97	--	--
Percent passing 250 micron sieve (#60)	D6913			95	--	--
Percent passing 150 micron sieve (#100)	D6913			90	--	--
Percent passing 75 micron sieve (#200)	D6913			78	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.46	5.69	4.83
Cadmium	SW6020B			0.341	0.225	0.183
Chromium	SW6020B			30.3	29.7	29.4
Copper	SW6020B			40.5	41.8	37.5
Lead	SW6020B			33.2	25.1	19.6
Manganese	SW6020B			529	726	487

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-04-06-201111	USMPDI-004SC-B-06-08-201111	USMPDI-004SC-B-08-10-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
Vanadium	SW6020B			103 J	97.6 J	96.0 J
Zinc	SW6020B			147	103	89.3
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			53.8 U	56.8 U	58.7 U
1,2-Dichloroethene, cis-	SW8260D			53.8 U	56.8 U	58.7 U
Benzene	SW8260D			21.5 U	22.7 U	23.5 U
Chlorobenzene	SW8260D		320	53.8 U	56.8 U	58.7 U
Ethylbenzene	SW8260D			53.8 U	56.8 U	58.7 U
m,p-Xylene	SW8260D			108 U	114 U	117 U
o-Xylene	SW8260D			53.8 U	56.8 U	58.7 U
Tetrachloroethene (PCE)	SW8260D			53.8 U	56.8 U	58.7 U
Toluene	SW8260D			108 U	114 U	117 U
Trichloroethene (TCE)	SW8260D			53.8 U	56.8 U	58.7 U
Vinyl chloride	SW8260D			53.8 U	56.8 U	58.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				108 UT	114 UT	117 UT
PH-ROD Total Xylene (U = 1/2 max limit)				108 UT	114 UT	117 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			965 U	1010 U	372 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-04-06-201111	USMPDI-004SC-B-06-08-201111	USMPDI-004SC-B-08-10-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	190	145
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	590	334
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	333	191
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	1860	508
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	3980	878
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	7290	1980
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	5400	1400
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-04-06-201111	USMPDI-004SC-B-06-08-201111	USMPDI-004SC-B-08-10-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	5190	1630
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	1850 J	444 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	4760	1030
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	431	99.5
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	11800	3570
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	614	219
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-04-06-201111	USMPDI-004SC-B-06-08-201111	USMPDI-004SC-B-08-10-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	4080	1200
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	1460	523
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	6200	2150
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	13400	3900
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	7300 JT	1800 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	9100 JT	2400 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	58000 JT	16000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	11000 T	4070 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	69000 JT	20000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-04-06-201111	USMPDI-004SC-B-06-08-201111	USMPDI-004SC-B-08-10-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/11/2020	11/11/2020	11/11/2020
C1-Naphthalenes	SW8270ESIM			4 - 6 ft	6 - 8 ft	8 - 10 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622033.075	7622033.075	7622033.075
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707159.686	707159.686	707159.686
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-04-06-201111	USMPDI-004SC-B-06-08-201111	USMPDI-004SC-B-08-10-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	6.62 U	2.90 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	6.62 U	2.90 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	6.62 U	2.90 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	6.62 U	2.90 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	6.62 U	2.90 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	6.62 U	2.90 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-04-06-201111	USMPDI-004SC-B-06-08-201111	USMPDI-004SC-B-08-10-201111
				11/11/2020	11/11/2020	11/11/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622033.075	7622033.075	7622033.075
				707159.686	707159.686	707159.686
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	6.62 UT	2.90 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	6.62 UT	2.90 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	6.62 UT	2.90 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	6.62 UT	2.90 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	6.62 UT	2.90 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	6.62 UT	2.90 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			85 U	84 U	80 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			85 U	84 U	80 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-004SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-04-06-201111	USMPDI-004SC-B-06-08-201111	USMPDI-004SC-B-08-10-201111
				USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-004SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	6.17 U	5.87 U
Aroclor 1221	SW8082A			--	6.17 U	5.87 U
Aroclor 1232	SW8082A			--	6.17 U	5.87 U
Aroclor 1242	SW8082A			--	6.17 U	5.87 U
Aroclor 1248	SW8082A			--	6.17 U	5.87 U
Aroclor 1254	SW8082A			--	6.17 U	5.87 U
Aroclor 1260	SW8082A			--	6.17 U	5.87 U
Aroclor 1262	SW8082A			--	6.17 U	5.87 U
Aroclor 1268	SW8082A			--	6.17 U	5.87 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	6.17 UT	5.87 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			8.14 J	3.41 J	3.17 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-10-12-201111	USMPDI-004SC-B-12-13.5-201111	USMPDI-006SC-A-01-02-201110
				11/11/2020	11/11/2020	11/10/2020
				10 - 12 ft	12 - 13.5 ft	1 - 2 ft
				N	N	N
				7622033.075	7622033.075	7622185.231
				707159.686	707159.686	707120.182
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.149	0.144 J	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.82	1.1	1.1
Total Solids	SM2540G			70	63.4	61.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.65	4.05	--
Cadmium	SW6020B			0.0856 J	0.0967 J	--
Chromium	SW6020B			19.4	27.4	--
Copper	SW6020B			23.5	31.5	--
Lead	SW6020B			5.17	4.77	--
Manganese	SW6020B			355	711	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-10-12-201111	USMPDI-004SC-B-12-13.5-201111	USMPDI-006SC-A-01-02-201110
				11/11/2020	11/11/2020	11/10/2020
				10 - 12 ft	12 - 13.5 ft	1 - 2 ft
				N	N	N
				7622033.075	7622033.075	7622185.231
				707159.686	707159.686	707120.182
Vanadium	SW6020B			68.9 J	96.5 J	--
Zinc	SW6020B			49.5	62	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			40.5 U	57.1 U	--
1,2-Dichloroethene, cis-	SW8260D			40.5 U	57.1 U	--
Benzene	SW8260D			16.2 U	22.8 U	--
Chlorobenzene	SW8260D		320	40.5 U	57.1 U	--
Ethylbenzene	SW8260D			40.5 U	57.1 U	--
m,p-Xylene	SW8260D			80.9 U	114 U	--
o-Xylene	SW8260D			40.5 U	57.1 U	--
Tetrachloroethene (PCE)	SW8260D			40.5 U	57.1 U	--
Toluene	SW8260D			80.9 U	114 U	--
Trichloroethene (TCE)	SW8260D			40.5 U	57.1 U	--
Vinyl chloride	SW8260D			40.5 U	57.1 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				80.9 UT	114 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				80.9 UT	114 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			143 U	38.1 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-10-12-201111	USMPDI-004SC-B-12-13.5-201111	USMPDI-006SC-A-01-02-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			16	3.81 U	124 J
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			7.87 J	3.81 U	267
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			13.3 J	3.81 U	264
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			15.4	3.81 U	315
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			26.7	3.81 U	1400
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			51.9	3.81 U	2660
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			33.1	3.81 U	2100
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-10-12-201111	USMPDI-004SC-B-12-13.5-201111	USMPDI-006SC-A-01-02-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			33	3.81 U	1810
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			9.92 J	3.81 U	743 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			27.7	3.81 U	1660
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			14.3 U	3.81 U	202
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			43.3	3.81 U	2640
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			11.3 J	3.81 U	158
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-10-12-201111	USMPDI-004SC-B-12-13.5-201111	USMPDI-006SC-A-01-02-201110
				11/11/2020	11/11/2020	11/10/2020
				10 - 12 ft	12 - 13.5 ft	1 - 2 ft
				N	N	N
				7622033.075	7622033.075	7622185.231
				707159.686	707159.686	707120.182
Indeno(1,2,3-c,d)pyrene	SW8270E			28.2	3.81 U	1510
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	20	3.81 U	426
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			51.2	2.15 J	1470
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			54.6	3.81 U	2950
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				43.0 JT	3.81 UT	2800 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	68.0 JT	3.81 UT	3400 JT
PH-ROD Total HPAH (U = 1/2 max limit)				316 JT	3.81 UT	18000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				135 JT	13.6 JT	3020 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		451 JT	32.6 JT	21000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-10-12-201111	USMPDI-004SC-B-12-13.5-201111	USMPDI-006SC-A-01-02-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-10-12-201111	USMPDI-004SC-B-12-13.5-201111	USMPDI-006SC-A-01-02-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.71 U	3.12 U	3.21 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.71 U	3.12 U	4.28 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.71 U	3.12 U	3.06 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.71 U	3.12 U	9.37
4,4'-DDE (p,p'-DDE)	SW8081B			2.71 U	3.12 U	4.07
4,4'-DDT (p,p'-DDT)	SW8081B			2.71 U	3.12 U	3.06 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-10-12-201111	USMPDI-004SC-B-12-13.5-201111	USMPDI-006SC-A-01-02-201110
				11/11/2020	11/11/2020	11/10/2020
				10 - 12 ft	12 - 13.5 ft	1 - 2 ft
				N	N	N
				7622033.075	7622033.075	7622185.231
				707159.686	707159.686	707120.182
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.71 UT	3.12 UT	4.28 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.71 UT	3.12 UT	15.0 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.71 UT	3.12 UT	11.0 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.71 UT	3.12 UT	6.21 T
PH-ROD Sum DDT (U = 1/2 max limit)				2.71 UT	3.12 UT	3.06 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.71 UT	3.12 UT	20.2 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			78 U	79 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			78 U	79 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000327 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000862 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00102 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00828
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00309
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.155
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	1.61
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00213 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00596 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0548
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.385
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.00699
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0249
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.00668
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.137
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0252
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00194 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00435
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0395
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0135
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.0546
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0254 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0596

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-004SC-B	USMPDI-004SC-B	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-004SC-B-10-12-201111	USMPDI-004SC-B-12-13.5-201111	USMPDI-006SC-A-01-02-201110
				11/11/2020	11/11/2020	11/10/2020
				10 - 12 ft	12 - 13.5 ft	1 - 2 ft
				N	N	N
				7622033.075	7622033.075	7622185.231
				707159.686	707159.686	707120.182
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.212
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.095
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.0355 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.0244 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.0253 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	2.09 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.60 U	5.93 U	9.01 U
Aroclor 1221	SW8082A			5.60 U	5.93 U	11.1 U
Aroclor 1232	SW8082A			5.60 U	5.93 U	24.2 U
Aroclor 1242	SW8082A			5.60 U	5.93 U	13.3 U
Aroclor 1248	SW8082A			5.60 U	5.93 U	14.4 U
Aroclor 1254	SW8082A			5.60 U	5.93 U	15.3 J
Aroclor 1260	SW8082A			5.60 U	5.93 U	9.66 J
Aroclor 1262	SW8082A			5.60 U	5.93 U	6.32 U
Aroclor 1268	SW8082A			5.60 U	5.93 U	6.32 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.60 UT	5.93 UT	67.3 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.02 UJ	3.15 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-A	USMPDI-006SC-A	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110	USMPDI-006SC-A-04-05-201110
				11/10/2020	11/10/2020	11/10/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.25	0.069	0.26
Total Solids	SM2540G			69.2	81.1	83.2
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-A	USMPDI-006SC-A	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110	USMPDI-006SC-A-04-05-201110
				Location ID	USMPDI-006SC-A	USMPDI-006SC-A
				Sample ID	USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110
				Sample Date	11/10/2020	11/10/2020
				Depth	2 - 3 ft	3 - 4 ft
				Sample Type	N	N
				Easting	7622185.231	7622185.231
				Northing	707120.182	707120.182
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-A	USMPDI-006SC-A	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110	USMPDI-006SC-A-04-05-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			11.7 J	2.93 U	5.64
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			140	15.7	156
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			33.7	2.01 J	4.88
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			50.1	1.87 J	8.41
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			212	9.9	23.4
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			347	17.3	28
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			284	14.5	22.2
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-A	USMPDI-006SC-A	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110	USMPDI-006SC-A-04-05-201110
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			208	11.6	18.6
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			105 J	4.76 J	6.36 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			237	12.1	26
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			26.5	2.93 U	1.69 J
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			557	27.5	90.1
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			36	2.27 J	14.5
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-A	USMPDI-006SC-A	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110	USMPDI-006SC-A-04-05-201110
				11/10/2020	11/10/2020	11/10/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
Indeno(1,2,3-c,d)pyrene	SW8270E			184	9.96	14.7
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	50.8	1.78 J	18.6
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			468	58.2	391
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			521	43.1	145
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				389 JT	19.3 JT	28.6 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	443 JT	22.3 JT	35.8 JT
PH-ROD Total HPAH (U = 1/2 max limit)				2680 JT	152 JT	376 JT
PH-ROD Total LPAH (U = 1/2 max limit)				790 JT	83.3 JT	599 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		3500 JT	235 JT	975 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-A	USMPDI-006SC-A	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110	USMPDI-006SC-A-04-05-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/10/2020	11/10/2020	11/10/2020
C1-Naphthalenes	SW8270ESIM			2 - 3 ft	3 - 4 ft	4 - 5 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622185.231	7622185.231	7622185.231
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707120.182	707120.182	707120.182
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-A	USMPDI-006SC-A	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110	USMPDI-006SC-A-04-05-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.85 U	2.40 U	2.29 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.85 U	2.40 U	2.29 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.85 U	2.40 U	2.29 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.85 U	2.40 U	2.29 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.85 U	2.40 U	2.29 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.85 U	2.40 U	2.29 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-A	USMPDI-006SC-A	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110	USMPDI-006SC-A-04-05-201110
				11/10/2020	11/10/2020	11/10/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.85 UT	2.40 UT	2.29 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.85 UT	2.40 UT	2.29 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.85 UT	2.40 UT	2.29 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.85 UT	2.40 UT	2.29 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.85 UT	2.40 UT	2.29 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.85 UT	2.40 UT	2.29 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000290 U	0.000361 U	0.0000161 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000434 U	0.000256 U	0.0000422 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000401 U	0.000498 U	0.0000414 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000505 J	0.000510 U	0.0000537 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000420 U	0.000540 U	0.0000333 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0071	0.000998 J	0.000982 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0738	0.00960 J	0.0112
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000290 U	0.000361 U	0.0000898 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000434 U	0.000256 U	0.0000422 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00296 J	0.000716	0.000609 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0174	0.00260 J	0.00195
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00146	0.000170 U	0.0000476 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00141 J	0.000206 U	0.0000206 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000586 J	0.000214 U	0.0000184 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00216 J	0.000141 U	0.0000616 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000284 U	0.000148 U	0.0000257 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000338 U	0.000189 U	0.0000467 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000297 U	0.000157 U	0.0000232 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00184 J	0.000172 U	0.000168 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000416 J	0.000166 U	0.0000300 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00404 J	0.000208 U	0.0000563 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00391	0.000170 U	0.000173 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00355 J	0.000214 U	0.0000411

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-A	USMPDI-006SC-A	USMPDI-006SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110	USMPDI-006SC-A-04-05-201110
				USMPDI-006SC-A	USMPDI-006SC-A	USMPDI-006SC-A
				USMPDI-006SC-A-02-03-201110	USMPDI-006SC-A-03-04-201110	USMPDI-006SC-A-04-05-201110
				11/10/2020	11/10/2020	11/10/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00448 J	0.000189 U	0.000295 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00445 J	0.000172 U	0.000537
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00288 JT	0.000588 JT	0.000108 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00121 JT	0.000537 JT	0.0000641 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00120 JT	0.000476 JT	0.0000751 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0945 JT	0.0126 JT	0.0130 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.27 U	4.49 U	4.49 U
Aroclor 1221	SW8082A			5.27 U	4.49 U	4.49 U
Aroclor 1232	SW8082A			5.27 U	4.49 U	4.49 U
Aroclor 1242	SW8082A			5.27 U	4.49 U	4.49 U
Aroclor 1248	SW8082A			5.27 U	4.49 U	4.49 U
Aroclor 1254	SW8082A			3.45 J	4.49 U	4.49 U
Aroclor 1260	SW8082A			5.27 U	4.49 U	4.49 U
Aroclor 1262	SW8082A			5.27 U	4.49 U	4.49 U
Aroclor 1268	SW8082A			5.27 U	4.49 U	4.49 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	24.5 JT	4.49 UT	4.49 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-00-02-201110	USMPDI-006SC-D-02-04-201110	USMPDI-006SC-D-04-06-201110
				11/10/2020	11/10/2020	11/10/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	NP
Plastic limit	D4318			--	--	NP
Plasticity index	D4318			--	--	NP
Specific gravity	D854			--	--	2.71
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			1.64	0.183	0.120 U
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	20.9
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			57	77	81.6
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	71.8
Total fines (Reported, not calculated)	D6913			--	--	28.2
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	30
Percent passing 850 micron sieve (#20)	D6913			--	--	100
Percent passing 425 micron sieve (#40)	D6913			--	--	99
Percent passing 250 micron sieve (#60)	D6913			--	--	60
Percent passing 150 micron sieve (#100)	D6913			--	--	33
Percent passing 75 micron sieve (#200)	D6913			--	--	28
Metals (mg/kg)						
Arsenic	SW6020B			6.3	3.44	3.55
Cadmium	SW6020B			0.276	0.0705 J	0.0683 J
Chromium	SW6020B			41.1	22.4	21.9
Copper	SW6020B			55	22.8	21.5
Lead	SW6020B			19.6	5.64	4.53
Manganese	SW6020B			737	341	310

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-00-02-201110	USMPDI-006SC-D-02-04-201110	USMPDI-006SC-D-04-06-201110
				11/10/2020	11/10/2020	11/10/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
Vanadium	SW6020B			124 J	90.5 J	88.0 J
Zinc	SW6020B			140	64	60.7
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			67.8 U	34.5 U	34.2 U
1,2-Dichloroethene, cis-	SW8260D			67.8 U	34.5 U	34.2 U
Benzene	SW8260D			27.1 U	13.8 U	13.7 U
Chlorobenzene	SW8260D		320	67.8 U	34.5 U	34.2 U
Ethylbenzene	SW8260D			67.8 U	34.5 U	34.2 U
m,p-Xylene	SW8260D			136 U	69.0 U	68.3 U
o-Xylene	SW8260D			67.8 U	34.5 U	34.2 U
Tetrachloroethene (PCE)	SW8260D			67.8 U	34.5 U	34.2 U
Toluene	SW8260D			136 U	69.0 U	68.3 U
Trichloroethene (TCE)	SW8260D			67.8 U	34.5 U	34.2 U
Vinyl chloride	SW8260D			67.8 U	34.5 U	34.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				136 UT	69.0 UT	68.3 UT
PH-ROD Total Xylene (U = 1/2 max limit)				136 UT	69.0 UT	68.3 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	9.1	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	3.6 J	--
Pentachlorophenol	SW8270E			148 J	15.4 J	29.9 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	4.6 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	16.9	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-00-02-201110	USMPDI-006SC-D-02-04-201110	USMPDI-006SC-D-04-06-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/10/2020	11/10/2020	11/10/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			0 - 2 ft	2 - 4 ft	4 - 6 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622185.231	7622185.231	7622185.231
2-Methylanthracene	SW8270DMSIM			707120.182	707120.182	707120.182
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	4.2 J	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	3.6 J	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	8.9	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	84.1	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	6.8	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	11.7	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	45.1	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	52.4	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	34.3	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-00-02-201110	USMPDI-006SC-D-02-04-201110	USMPDI-006SC-D-04-06-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	34.6	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	44.8	--
Benzo(j)fluoranthene	SW8270ESIM			--	22.8	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	18.8	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	3.0 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	1.9 J	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	54.2	--
Decalin, cis-	SW8270ESIM			--	5.0 U	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	5.0 U	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	4.9 J	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	5.4	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	28	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	213 J	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	19	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-00-02-201110	USMPDI-006SC-D-02-04-201110	USMPDI-006SC-D-04-06-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	31	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	28.7	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	92.3	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	359 J	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	260 J	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	75.9 T	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	69 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				--	780 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				--	520 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	1300 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	34.6	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	4.3 J	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	5.0 U	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	7.2	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	15.4	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	61.5	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	17.7	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-00-02-201110	USMPDI-006SC-D-02-04-201110	USMPDI-006SC-D-04-06-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	12.7	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	8.2	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	75.2	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	13	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	14.3	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	18.7	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	4.4 J	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	13	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	20.9	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	16.1	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	19.7	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	3.5 J	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	40.6	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	7.5	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	5.0 U	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	10.7	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	2.6 J	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-00-02-201110	USMPDI-006SC-D-02-04-201110	USMPDI-006SC-D-04-06-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	8.9	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	13	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	14.3	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	27.7	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	5.7	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	27.2	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	3.3 J	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	17	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	5.7	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	15.7	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	23.3	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	5.0 U	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	8.2	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-00-02-201110	USMPDI-006SC-D-02-04-201110	USMPDI-006SC-D-04-06-201110
				11/10/2020	11/10/2020	11/10/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			84 UJ	66 UJ	62 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			84 UJ	66 UJ	62 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-00-02-201110	USMPDI-006SC-D-02-04-201110	USMPDI-006SC-D-04-06-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	--
Aroclor 1221	SW8082A			--	--	--
Aroclor 1232	SW8082A			--	--	--
Aroclor 1242	SW8082A			--	--	--
Aroclor 1248	SW8082A			--	--	--
Aroclor 1254	SW8082A			--	--	--
Aroclor 1260	SW8082A			--	--	--
Aroclor 1262	SW8082A			--	--	--
Aroclor 1268	SW8082A			--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	65.3 U	--
Motor oil range hydrocarbons	NWTPHDx			--	131 U	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.42 UJ	2.61 UJ	2.52 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-06-08-201110	USMPDI-006SC-D-08-10-201110	USMPDI-006SC-D-10-12-201110
				USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
				USMPDI-006SC-D-06-08-201110	USMPDI-006SC-D-08-10-201110	USMPDI-006SC-D-10-12-201110
				11/10/2020	11/10/2020	11/10/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.0657 J	0.130 U	0.131 UT
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.047	1.5	0.15 T
Total Solids	SM2540G			79	75.9	73.3 T
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.89	4.11	3.67 T
Cadmium	SW6020B			0.122 U	0.105 J	0.0871 JT
Chromium	SW6020B			22.1	25.2	21.3 T
Copper	SW6020B			22.7	24.8	22.1 T
Lead	SW6020B			8.25	3.76	3.65 T
Manganese	SW6020B			365	887	360 T

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-06-08-201110	USMPDI-006SC-D-08-10-201110	USMPDI-006SC-D-10-12-201110
				11/10/2020	11/10/2020	11/10/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
Vanadium	SW6020B			87.6 J	92.4 J	86.6 JT
Zinc	SW6020B			74.6	58.3	57.0 T
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			40.2 U	38.7 U	36.6 UT
1,2-Dichloroethene, cis-	SW8260D			40.2 U	38.7 U	36.6 UT
Benzene	SW8260D			16.1 U	15.5 U	14.6 UT
Chlorobenzene	SW8260D		320	40.2 U	38.7 U	36.6 UT
Ethylbenzene	SW8260D			40.2 U	38.7 U	36.6 UT
m,p-Xylene	SW8260D			80.3 U	77.4 U	73.2 UT
o-Xylene	SW8260D			40.2 U	38.7 U	36.6 UT
Tetrachloroethene (PCE)	SW8260D			40.2 U	38.7 U	36.6 UT
Toluene	SW8260D			80.3 U	77.4 U	73.2 UT
Trichloroethene (TCE)	SW8260D			40.2 U	38.7 U	36.6 UT
Vinyl chloride	SW8260D			40.2 U	38.7 U	36.6 UT
PH-ROD Total BTEX (U = 1/2 max limit)				80.3 UT	77.4 UT	73.2 UT
PH-ROD Total Xylene (U = 1/2 max limit)				80.3 UT	77.4 UT	73.2 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			30.3 U	32.1 U	32.7 UT
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-06-08-201110	USMPDI-006SC-D-08-10-201110	USMPDI-006SC-D-10-12-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			3.03 U	3.21 U	3.27 UT
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			9.39	1.98 J	3.27 UT
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.03 U	3.21 U	3.27 UT
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			9.52	3.21 U	3.27 UT
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			78.8	3.21 U	3.27 UT
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			62.1	3.21 U	3.27 UT
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			67.8	3.21 U	3.27 UT
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-06-08-201110	USMPDI-006SC-D-08-10-201110	USMPDI-006SC-D-10-12-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			22.5	3.21 U	3.27 UT
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			25.0 J	3.21 U	3.27 UT
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			80.1	3.21 U	3.27 UT
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			4.97	3.21 U	3.27 UT
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			89.6	1.82 J	3.27 UT
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			1.77 J	3.21 U	3.27 UT
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-06-08-201110	USMPDI-006SC-D-08-10-201110	USMPDI-006SC-D-10-12-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			23.3	3.21 U	3.27 UT
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	1.57 J	3.21 U	3.27 UT
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			35.8	2.82 J	3.27 UT
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			88.7	2.62 J	3.27 UT
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				92.8 JT	3.21 UT	3.27 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	84.4 JT	3.21 UT	3.27 UT
PH-ROD Total HPAH (U = 1/2 max limit)				543 JT	17.3 JT	3.27 UT
PH-ROD Total LPAH (U = 1/2 max limit)				61.1 JT	12.8 JT	3.27 UT
PH-ROD Total PAH (U = 1/2 max limit)		30000		604 JT	30.1 JT	3.27 UT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-06-08-201110	USMPDI-006SC-D-08-10-201110	USMPDI-006SC-D-10-12-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/10/2020	11/10/2020	11/10/2020
C1-Naphthalenes	SW8270ESIM			6 - 8 ft	8 - 10 ft	10 - 12 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622185.231	7622185.231	7622185.231
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707120.182	707120.182	707120.182
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-06-08-201110	USMPDI-006SC-D-08-10-201110	USMPDI-006SC-D-10-12-201110
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.35 U	2.48 U	2.62 UT
2,4'-DDE (o,p'-DDE)	SW8081B			2.35 U	2.48 U	2.62 UT
2,4'-DDT (o,p'-DDT)	SW8081B			2.35 U	2.48 U	2.62 UT
4,4'-DDD (p,p'-DDD)	SW8081B			2.35 U	2.48 U	2.62 UT
4,4'-DDE (p,p'-DDE)	SW8081B			2.35 U	2.48 U	2.62 UT
4,4'-DDT (p,p'-DDT)	SW8081B			2.35 U	2.48 U	2.62 UT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-06-08-201110	USMPDI-006SC-D-08-10-201110	USMPDI-006SC-D-10-12-201110
				11/10/2020	11/10/2020	11/10/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.35 UT	2.48 UT	2.62 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.35 UT	2.48 UT	2.62 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.35 UT	2.48 UT	2.62 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.35 UT	2.48 UT	2.62 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.35 UT	2.48 UT	2.62 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.35 UT	2.48 UT	2.62 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			64 UJ	65 UJ	68 UJT
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			64 UJ	65 UJ	68 UJT
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-006SC-D	USMPDI-006SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-06-08-201110	USMPDI-006SC-D-08-10-201110	USMPDI-006SC-D-10-12-201110
				11/10/2020	11/10/2020	11/10/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622185.231	7622185.231	7622185.231
				707120.182	707120.182	707120.182
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.60 U	5.15 U	5.19 UT
Aroclor 1221	SW8082A			4.60 U	5.15 U	5.19 UT
Aroclor 1232	SW8082A			4.60 U	5.15 U	5.19 UT
Aroclor 1242	SW8082A			4.60 U	5.15 U	5.19 UT
Aroclor 1248	SW8082A			4.60 U	5.15 U	5.19 UT
Aroclor 1254	SW8082A			4.60 U	5.15 U	5.19 UT
Aroclor 1260	SW8082A			4.60 U	5.15 U	5.19 UT
Aroclor 1262	SW8082A			4.60 U	5.15 U	5.19 UT
Aroclor 1268	SW8082A			4.60 U	5.15 U	5.19 UT
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.60 UT	5.15 UT	5.19 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.56 UJ	2.59 UJ	2.72 UJT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-009SC-A	USMPDI-009SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-12-14-201110	USMPDI-009SC-A-03-04-201112	USMPDI-009SC-A-04-05-201112
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.134 U	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.059	1.8	2.7 T
Total Solids	SM2540G			73.6	67.8	58.0 T
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.52	--	--
Cadmium	SW6020B			0.0825 J	--	--
Chromium	SW6020B			22.6	--	--
Copper	SW6020B			22.4	--	--
Lead	SW6020B			3.41	--	--
Manganese	SW6020B			287	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-009SC-A	USMPDI-009SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-12-14-201110	USMPDI-009SC-A-03-04-201112	USMPDI-009SC-A-04-05-201112
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			88.3 J	--	--
Zinc	SW6020B			57.8	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			38.2 U	--	--
1,2-Dichloroethene, cis-	SW8260D			38.2 U	--	--
Benzene	SW8260D			15.3 U	--	--
Chlorobenzene	SW8260D		320	38.2 U	--	--
Ethylbenzene	SW8260D			38.2 U	--	--
m,p-Xylene	SW8260D			76.4 U	--	--
o-Xylene	SW8260D			38.2 U	--	--
Tetrachloroethene (PCE)	SW8260D			38.2 U	--	--
Toluene	SW8260D			76.4 U	--	--
Trichloroethene (TCE)	SW8260D			38.2 U	--	--
Vinyl chloride	SW8260D			38.2 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				76.4 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				76.4 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	2170	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	489 J	--
Pentachlorophenol	SW8270E			33.9 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	525 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	2730	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-009SC-A	USMPDI-009SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-12-14-201110	USMPDI-009SC-A-03-04-201112	USMPDI-009SC-A-04-05-201112
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/10/2020	11/12/2020	11/12/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			12 - 14 ft	3 - 4 ft	4 - 5 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622185.231	7622154.507	7622154.507
2-Methylanthracene	SW8270DMSIM			707120.182	707014.644	707014.644
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM					
2-Methylnaphthalene	SW8270E			3.39 U	--	457 T
2-Methylnaphthalene	SW8270ESIM			--	1010 J	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			3.39 U	--	2240 T
Acenaphthene	SW8270ESIM			--	20400	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.39 U	--	958 T
Acenaphthylene	SW8270ESIM			--	573 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3.39 U	--	3050 T
Anthracene	SW8270ESIM			--	14600	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3.77	--	7410 T
Benzo(a)anthracene	SW8270ESIM			--	12400	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			6.64	--	13300 T
Benzo(a)pyrene	SW8270ESIM			--	18200	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			5.62	--	9570 T
Benzo(b)fluoranthene	SW8270ESIM			--	9620	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-009SC-A	USMPDI-009SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-12-14-201110	USMPDI-009SC-A-03-04-201112	USMPDI-009SC-A-04-05-201112
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	10100	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			5.47	--	10300 T
Benzo(g,h,i)perylene	SW8270ESIM			--	12800	--
Benzo(j)fluoranthene	SW8270ESIM			--	6370	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.01 J	--	3080 JT
Benzo(k)fluoranthene	SW8270ESIM			--	4700	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	266 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	49.7 U	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			4.28	--	8520 T
Chrysene	SW8270ESIM			--	15600	--
Decalin, cis-	SW8270ESIM			--	49.7 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	71.9 J	--
Dibenzo(a,h)anthracene	SW8270E			3.39 U	--	728 T
Dibenzo(a,h)anthracene	SW8270ESIM			--	1630	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	924 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	6970	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			7.05	--	26300 T
Fluoranthene	SW8270ESIM			--	49400	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3.39 U	--	1970 T
Fluorene	SW8270ESIM			--	10600	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-009SC-A	USMPDI-009SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-12-14-201110	USMPDI-009SC-A-03-04-201112	USMPDI-009SC-A-04-05-201112
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			11/10/2020	11/12/2020	11/12/2020
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			12 - 14 ft	3 - 4 ft	4 - 5 ft
Naphthalene	SW8270DMSIM		140000	N	N	N
Naphthalene	SW8270E		140000	7622185.231	7622154.507	7622154.507
Naphthalene	SW8270ESIM		140000	707120.182	707014.644	707014.644
Perylene	SW8270DMSIM					
Perylene	SW8270ESIM					
Phenanthrene	SW8270DMSIM					
Phenanthrene	SW8270E			4.54	--	7540 T
Phenanthrene	SW8270ESIM			--	9130	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2.25 J	--	3330 T
Pyrene	SW8270ESIM			--	3630 J	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				7.63 JT	21000 T	12600 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	9.75 JT	23000 T	16500 JT
PH-ROD Total HPAH (U = 1/2 max limit)				48.8 JT	200000 T	116000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				14.9 JT	130000 JT	30000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		63.7 JT	330000 JT	150000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	4200	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	450	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	951	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	1230	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	3300	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	11100	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	3820	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-009SC-A	USMPDI-009SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-12-14-201110	USMPDI-009SC-A-03-04-201112	USMPDI-009SC-A-04-05-201112
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			11/10/2020	11/12/2020	11/12/2020
C1-Naphthalenes	SW8270ESIM			12 - 14 ft	3 - 4 ft	4 - 5 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622185.231	7622154.507	7622154.507
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707120.182	707014.644	707014.644
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	1490	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	1200	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	13700	--
C2-Decalins	SW8270ESIM			--	2140	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	1780	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	1490	--
C2-Fluorenes	SW8270DMSIM			--	456	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	2140	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	2980	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	2670	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	12200	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	632	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	6830	--
C3-Decalins	SW8270ESIM			--	893	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	2330	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
					758	--
					162	--
					--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-009SC-A	USMPDI-009SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-12-14-201110	USMPDI-009SC-A-03-04-201112	USMPDI-009SC-A-04-05-201112
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	1460	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	1560	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	2170	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	9600	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	1490	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	3270	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	438	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	1130	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	545	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	4010	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	3940	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	66.8	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	1010	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.59 U	46.9	13.7 UT
2,4'-DDE (o,p'-DDE)	SW8081B			2.59 U	28.6 U	13.7 UT
2,4'-DDT (o,p'-DDT)	SW8081B			2.59 U	28.6 U	13.7 UT
4,4'-DDD (p,p'-DDD)	SW8081B			2.59 U	73.7	13.7 UT
4,4'-DDE (p,p'-DDE)	SW8081B			2.59 U	28.6 U	13.7 UT
4,4'-DDT (p,p'-DDT)	SW8081B			2.59 U	28.6 U	13.7 UT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-009SC-A	USMPDI-009SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-12-14-201110	USMPDI-009SC-A-03-04-201112	USMPDI-009SC-A-04-05-201112
				11/10/2020	11/12/2020	11/12/2020
				12 - 14 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622185.231	7622154.507	7622154.507
				707120.182	707014.644	707014.644
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.59 UT	75.5 T	13.7 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.59 UT	102 T	13.7 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.59 UT	121 T	13.7 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.59 UT	28.6 UT	13.7 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.59 UT	28.6 UT	13.7 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.59 UT	178 T	13.7 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			69 UJ	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			69 UJ	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000188 UJ	0.0000346 JT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000270 UJ	0.0000813 JT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000518 UJ	0.0000748 JT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00238 J	0.000126 JT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000553 UJ	0.000205 JT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.2 J	0.00172 JT
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	1.4 J	0.0166 T
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.000459 J	0.00107 JT
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00342 J	0.000830 JT
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0325 J	0.00258 T
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.389 J	0.00219 JT
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.000969 J	0.000113 JT
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00150 J	0.0000943 JT
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00178 J	0.0000746 JT
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.00244 J	0.000112 JT
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000776 J	0.000103 JT
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000279 UJ	0.0000228 JT
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000762 J	0.0000910 JT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00835 J	0.000550 JT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.000849 J	0.0000612 JT
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0267 J	0.000539 JT
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.00700 J	0.00274 JT
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0184 J	0.00124 JT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-006SC-D	USMPDI-009SC-A	USMPDI-009SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-006SC-D-12-14-201110	USMPDI-009SC-A-03-04-201112	USMPDI-009SC-A-04-05-201112
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0145 J	0.000838 JT
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0291 J	0.000782 T
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0040 JT	0.000381 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0022 JT	0.000247 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0041 JT	0.000254 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	1.6 JT	0.0206 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.08 U	5.45 U	6.42 UT
Aroclor 1221	SW8082A			5.08 U	5.45 U	6.42 UT
Aroclor 1232	SW8082A			5.08 U	5.45 U	6.42 UT
Aroclor 1242	SW8082A			5.08 U	5.45 U	6.42 UT
Aroclor 1248	SW8082A			5.08 U	5.45 U	6.42 UT
Aroclor 1254	SW8082A			5.08 U	2.83 J	6.42 UT
Aroclor 1260	SW8082A			5.08 U	5.45 U	6.42 UT
Aroclor 1262	SW8082A			5.08 U	5.45 U	6.42 UT
Aroclor 1268	SW8082A			5.08 U	5.45 U	6.42 UT
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.08 UT	24.6 JT	6.42 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	1000	--
Motor oil range hydrocarbons	NWTPHDx			--	732	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.77 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-A	USMPDI-009SC-A	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-A-05-06-201112	USMPDI-009SC-A-06-07-201112	USMPDI-009SC-D-00-02-201112
				11/12/2020	11/12/2020	11/12/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	16.2 T
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.9	1	1.9 T
Total Solids	SM2540G			61	67.1	58.9 T
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	5.28 T
Cadmium	SW6020B			--	--	0.303 T
Chromium	SW6020B			--	--	33.5 T
Copper	SW6020B			--	--	46.5 T
Lead	SW6020B			--	--	47.0 T
Manganese	SW6020B			--	--	558 T

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-A	USMPDI-009SC-A	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-A-05-06-201112	USMPDI-009SC-A-06-07-201112	USMPDI-009SC-D-00-02-201112
				11/12/2020	11/12/2020	11/12/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
Vanadium	SW6020B			--	--	110 T
Zinc	SW6020B			--	--	145 T
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	66.7 UT
1,2-Dichloroethene, cis-	SW8260D			--	--	66.7 UT
Benzene	SW8260D			--	--	14.6 JT
Chlorobenzene	SW8260D		320	--	--	66.7 UT
Ethylbenzene	SW8260D			--	--	66.7 UT
m,p-Xylene	SW8260D			--	--	133 UT
o-Xylene	SW8260D			--	--	66.7 UT
Tetrachloroethene (PCE)	SW8260D			--	--	66.7 UT
Toluene	SW8260D			--	--	133 UT
Trichloroethene (TCE)	SW8260D			--	--	66.7 UT
Vinyl chloride	SW8260D			--	--	66.7 UT
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	214 JT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	133 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	1010 UJT
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-A	USMPDI-009SC-A	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-A-05-06-201112	USMPDI-009SC-A-06-07-201112	USMPDI-009SC-D-00-02-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			103	47.5 J	807 T
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			205	182	3380 T
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			186	103	859 T
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			357	295	1650 T
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			399	557	4740 T
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			661	1070	6760 T
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			537	818	5100 T
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-A	USMPDI-009SC-A	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-A-05-06-201112	USMPDI-009SC-A-06-07-201112	USMPDI-009SC-D-00-02-201112
				11/12/2020	11/12/2020	11/12/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			584	933	4600 T
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			168 J	258 J	1630 JT
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			497	649	5130 T
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			43.1 J	68.6 J	490 T
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			1610	2100	13100 T
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			197	134	2600 T
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-A	USMPDI-009SC-A	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-A-05-06-201112	USMPDI-009SC-A-06-07-201112	USMPDI-009SC-D-00-02-201112
				11/12/2020	11/12/2020	11/12/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
Indeno(1,2,3-c,d)pyrene	SW8270E			419	688	3650 T
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	770	302	2210 T
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			1370	1310	16100 T
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			1640	2330	13400 T
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				705 JT	1080 JT	6700 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	842 JT	1350 JT	8600 JT
PH-ROD Total HPAH (U = 1/2 max limit)				6560 JT	9500 JT	59000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				3200 T	2370 JT	27000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		9700 JT	12000 JT	86000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-A	USMPDI-009SC-A	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-A-05-06-201112	USMPDI-009SC-A-06-07-201112	USMPDI-009SC-D-00-02-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-A	USMPDI-009SC-A	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-A-05-06-201112	USMPDI-009SC-A-06-07-201112	USMPDI-009SC-D-00-02-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.07 U	2.77 U	11.2 UT
2,4'-DDE (o,p'-DDE)	SW8081B			3.07 U	2.77 U	9.57 UT
2,4'-DDT (o,p'-DDT)	SW8081B			3.07 U	2.77 U	6.38 UT
4,4'-DDD (p,p'-DDD)	SW8081B			3.07 U	2.77 U	41.8 T
4,4'-DDE (p,p'-DDE)	SW8081B			3.07 U	2.77 U	11.2 JT
4,4'-DDT (p,p'-DDT)	SW8081B			3.07 U	2.77 U	67.8 T

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-A	USMPDI-009SC-A	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-A-05-06-201112	USMPDI-009SC-A-06-07-201112	USMPDI-009SC-D-00-02-201112
				11/12/2020	11/12/2020	11/12/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.07 UT	2.77 UT	11.2 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				3.07 UT	2.77 UT	121 JT
PH-ROD Sum DDD (U = 1/2 max limit)				3.07 UT	2.77 UT	47.4 T
PH-ROD Sum DDE (U = 1/2 max limit)				3.07 UT	2.77 UT	16.0 JT
PH-ROD Sum DDT (U = 1/2 max limit)				3.07 UT	2.77 UT	71.0 T
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	3.07 UT	2.77 UT	134 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	85 UT
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	85 UT
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000489 U	0.0000239 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000529 U	0.0000356 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000656 U	0.0000380 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000700 U	0.0000232 U	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000678 U	0.0000397 U	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000429 J	0.000465 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.00282 U	0.00324 J	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000211	0.000188 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000230 J	0.0000938 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000696 J	0.000555 J	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000988	0.00105	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000345 U	0.0000254 U	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000412 U	0.0000339 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000386 U	0.0000304 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000248 U	0.0000344 J	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000231 U	0.0000180 U	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000409 J	0.0000244 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000251 U	0.0000205 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000616 J	0.0000354 U	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000257 U	0.0000304 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0000637 U	0.000111 U	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000278	0.00023	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000412 U	0.000118 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-A	USMPDI-009SC-A	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-A-05-06-201112	USMPDI-009SC-A-06-07-201112	USMPDI-009SC-D-00-02-201112
				11/12/2020	11/12/2020	11/12/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000863 J	0.0000662	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000616	0.0000354 U	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000104 JT	0.0000870 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000886 JT	0.0000648 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0000824 JT	0.0000588 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.00223 JT	0.00402 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.30 U	5.74 U	6.65 UT
Aroclor 1221	SW8082A			6.30 U	5.74 U	6.65 UT
Aroclor 1232	SW8082A			6.30 U	5.74 U	6.65 UT
Aroclor 1242	SW8082A			6.30 U	5.74 U	8.98 JT
Aroclor 1248	SW8082A			6.30 U	5.74 U	6.65 UT
Aroclor 1254	SW8082A			6.30 U	5.74 U	27.3 JT
Aroclor 1260	SW8082A			6.30 U	5.74 U	22.6 JT
Aroclor 1262	SW8082A			6.30 U	5.74 U	6.65 UT
Aroclor 1268	SW8082A			6.30 U	5.74 U	6.65 UT
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	6.30 UT	5.74 UT	78.7 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	3.42 UJT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-02-04-201112	USMPDI-009SC-D-04-06-201112	USMPDI-009SC-D-06-08-201112
				USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
				USMPDI-009SC-D-02-04-201112	USMPDI-009SC-D-04-06-201112	USMPDI-009SC-D-06-08-201112
				11/12/2020	11/12/2020	11/12/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			10.8	0.472	0.378
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			63.1	59.6	62
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.9	6	4.65
Cadmium	SW6020B			1.08	0.251	0.165
Chromium	SW6020B			25.2	38.4	31.4
Copper	SW6020B			41.5	48.3	37.8
Lead	SW6020B			18.6	28.5	15.4
Manganese	SW6020B			379	611	540

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-02-04-201112	USMPDI-009SC-D-04-06-201112	USMPDI-009SC-D-06-08-201112
				11/12/2020	11/12/2020	11/12/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
Vanadium	SW6020B			85.4	117	99.9
Zinc	SW6020B			99.5	106	82
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			54.1 U	65.2 U	53.1 U
1,2-Dichloroethene, cis-	SW8260D			54.1 U	65.2 U	53.1 U
Benzene	SW8260D			58.2	36.5	21.2 U
Chlorobenzene	SW8260D		320	54.1 U	65.2 U	53.1 U
Ethylbenzene	SW8260D			54.1 U	65.2 U	53.1 U
m,p-Xylene	SW8260D			108 U	130 U	106 U
o-Xylene	SW8260D			30.2 J	65.2 U	53.1 U
Tetrachloroethene (PCE)	SW8260D			54.1 U	65.2 U	53.1 U
Toluene	SW8260D			108 U	96.5 J	56.8 J
Trichloroethene (TCE)	SW8260D			54.1 U	65.2 U	53.1 U
Vinyl chloride	SW8260D			54.1 U	65.2 U	53.1 U
PH-ROD Total BTEX (U = 1/2 max limit)				223 JT	263 JT	174 JT
PH-ROD Total Xylene (U = 1/2 max limit)				84.2 JT	130 UT	106 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			772 UJ	410 UJ	190 UJ
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-02-04-201112	USMPDI-009SC-D-04-06-201112	USMPDI-009SC-D-06-08-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-02-04-201112	USMPDI-009SC-D-04-06-201112	USMPDI-009SC-D-06-08-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-02-04-201112	USMPDI-009SC-D-04-06-201112	USMPDI-009SC-D-06-08-201112
				11/12/2020	11/12/2020	11/12/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-02-04-201112	USMPDI-009SC-D-04-06-201112	USMPDI-009SC-D-06-08-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/12/2020	11/12/2020	11/12/2020
C1-Naphthalenes	SW8270ESIM			2 - 4 ft	4 - 6 ft	6 - 8 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622154.507	7622154.507	7622154.507
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707014.644	707014.644	707014.644
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-02-04-201112	USMPDI-009SC-D-04-06-201112	USMPDI-009SC-D-06-08-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-02-04-201112	USMPDI-009SC-D-04-06-201112	USMPDI-009SC-D-06-08-201112
				11/12/2020	11/12/2020	11/12/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			79 U	88 U	80 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			79 U	88 U	80 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-02-04-201112	USMPDI-009SC-D-04-06-201112	USMPDI-009SC-D-06-08-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	--
Aroclor 1221	SW8082A			--	--	--
Aroclor 1232	SW8082A			--	--	--
Aroclor 1242	SW8082A			--	--	--
Aroclor 1248	SW8082A			--	--	--
Aroclor 1254	SW8082A			--	--	--
Aroclor 1260	SW8082A			--	--	--
Aroclor 1262	SW8082A			--	--	--
Aroclor 1268	SW8082A			--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			5.94 J	3.5 UJ	3.19 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-08-10-201112	USMPDI-009SC-D-10-12-201112	USMPDI-009SC-D-12-14-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			43	--	--
Plastic limit	D4318			32	--	--
Plasticity index	D4318			11	--	--
Specific gravity	D854			2.67	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.128 J	0.130 U	0.130 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			55	--	--
Total organic carbon	SM5310BM			0.87	0.073	0.82
Total Solids	SM2540G			66.4	74.7	68.5
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			29.4	--	--
Total fines (Reported, not calculated)	D6913			70.6	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			76	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--
Percent passing 425 micron sieve (#40)	D6913			100	--	--
Percent passing 250 micron sieve (#60)	D6913			98	--	--
Percent passing 150 micron sieve (#100)	D6913			82	--	--
Percent passing 75 micron sieve (#200)	D6913			71	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.25	2.7	4.17
Cadmium	SW6020B			0.130 J	0.129 U	0.0944 J
Chromium	SW6020B			32.2	19	26.9
Copper	SW6020B			37.3	17.1	30.2
Lead	SW6020B			12.1	3.27	5.64
Manganese	SW6020B			598	306	583

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-08-10-201112	USMPDI-009SC-D-10-12-201112	USMPDI-009SC-D-12-14-201112
				USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
				USMPDI-009SC-D-08-10-201112	USMPDI-009SC-D-10-12-201112	USMPDI-009SC-D-12-14-201112
				11/12/2020	11/12/2020	11/12/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
Vanadium	SW6020B			113	70.5	93.8
Zinc	SW6020B			78.3	49.6	63.3
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			48.7 U	36.6 U	47.8 U
1,2-Dichloroethene, cis-	SW8260D			48.7 U	36.6 U	47.8 U
Benzene	SW8260D			19.5 U	14.6 U	19.1 U
Chlorobenzene	SW8260D		320	48.7 U	36.6 U	47.8 U
Ethylbenzene	SW8260D			48.7 U	36.6 U	47.8 U
m,p-Xylene	SW8260D			97.4 U	73.1 U	95.6 U
o-Xylene	SW8260D			48.7 U	36.6 U	47.8 U
Tetrachloroethene (PCE)	SW8260D			48.7 U	36.6 U	47.8 U
Toluene	SW8260D			97.4 U	73.1 U	95.6 U
Trichloroethene (TCE)	SW8260D			48.7 U	36.6 U	47.8 U
Vinyl chloride	SW8260D			48.7 U	36.6 U	47.8 U
PH-ROD Total BTEX (U = 1/2 max limit)				97.4 UT	73.1 UT	95.6 UT
PH-ROD Total Xylene (U = 1/2 max limit)				97.4 UT	73.1 UT	95.6 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			146 UJ	32.9 UJ	145 UJ
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-08-10-201112	USMPDI-009SC-D-10-12-201112	USMPDI-009SC-D-12-14-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			136	3.29 U	7.81 J
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			98.8	3.29 U	14.5 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			72.4	3.29 U	8.04 J
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			104	3.29 U	17.3
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			145	2.58 J	34.4
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			197	3.52	46
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			145	2.84 J	40
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-08-10-201112	USMPDI-009SC-D-10-12-201112	USMPDI-009SC-D-12-14-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			93.3	1.97 J	21
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			45.4 J	3.29 U	13.3 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			155	2.79 J	28.5
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			19.6	3.29 U	14.5 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			208	6.39	58.1
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			101	3.29 U	11.8 J
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-08-10-201112	USMPDI-009SC-D-10-12-201112	USMPDI-009SC-D-12-14-201112
				11/12/2020	11/12/2020	11/12/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
Indeno(1,2,3-c,d)pyrene	SW8270E			85.7	1.72 J	19.8
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	206	3.29 U	18.3
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			323	7.14	40.4
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			240	7.75	49.4
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				190 JT	4.49 JT	53.3 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	255 JT	5.90 JT	62.8 JT
PH-ROD Total HPAH (U = 1/2 max limit)				1300 JT	32.9 JT	318 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1040 T	17.0 T	111 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		2400 JT	49.9 JT	429 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-08-10-201112	USMPDI-009SC-D-10-12-201112	USMPDI-009SC-D-12-14-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-08-10-201112	USMPDI-009SC-D-10-12-201112	USMPDI-009SC-D-12-14-201112
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.79 U	2.52 U	2.78 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.79 U	2.52 U	2.78 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.79 U	2.52 U	2.78 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.79 U	2.52 U	2.78 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.79 U	2.52 U	2.78 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.79 U	2.52 U	2.78 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-08-10-201112	USMPDI-009SC-D-10-12-201112	USMPDI-009SC-D-12-14-201112
				11/12/2020	11/12/2020	11/12/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622154.507	7622154.507	7622154.507
				707014.644	707014.644	707014.644
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.79 UT	2.52 UT	2.78 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.79 UT	2.52 UT	2.78 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.79 UT	2.52 UT	2.78 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.79 UT	2.52 UT	2.78 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.79 UT	2.52 UT	2.78 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.79 UT	2.52 UT	2.78 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			77 U	67 U	75 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			77 U	67 U	75 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-08-10-201112	USMPDI-009SC-D-10-12-201112	USMPDI-009SC-D-12-14-201112
				USMPDI-009SC-D	USMPDI-009SC-D	USMPDI-009SC-D
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.89 U	5.26 U	5.51 U
Aroclor 1221	SW8082A			5.89 U	5.26 U	5.51 U
Aroclor 1232	SW8082A			5.89 U	5.26 U	5.51 U
Aroclor 1242	SW8082A			5.89 U	5.26 U	5.51 U
Aroclor 1248	SW8082A			5.89 U	5.26 U	5.51 U
Aroclor 1254	SW8082A			5.89 U	5.26 U	5.51 U
Aroclor 1260	SW8082A			5.89 U	5.26 U	5.51 U
Aroclor 1262	SW8082A			5.89 U	5.26 U	5.51 U
Aroclor 1268	SW8082A			5.89 U	5.26 U	5.51 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.89 UT	5.26 UT	5.51 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.04 UJ	2.68 UJ	2.98 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-011SC-A	USMPDI-011SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-14-16-201112	USMPDI-011SC-A-04-05-201111	USMPDI-011SC-A-05-06-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.0776 J	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.46	2	0.65
Total Solids	SM2540G			71.2	64.6	72.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.55	--	--
Cadmium	SW6020B			0.0839 J	--	--
Chromium	SW6020B			26.1	--	--
Copper	SW6020B			26.2	--	--
Lead	SW6020B			3.9	--	--
Manganese	SW6020B			485	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-011SC-A	USMPDI-011SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-14-16-201112	USMPDI-011SC-A-04-05-201111	USMPDI-011SC-A-05-06-201111
				11/12/2020	11/11/2020	11/11/2020
				14 - 16 ft	4 - 5 ft	5 - 6 ft
				N	N	N
				7622154.507	7622217.934	7622217.934
				707014.644	706977.593	706977.593
Vanadium	SW6020B			94.6	--	--
Zinc	SW6020B			60.4	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			42.1 U	--	--
1,2-Dichloroethene, cis-	SW8260D			42.1 U	--	--
Benzene	SW8260D			16.8 U	--	--
Chlorobenzene	SW8260D		320	42.1 U	--	--
Ethylbenzene	SW8260D			42.1 U	--	--
m,p-Xylene	SW8260D			84.2 U	--	--
o-Xylene	SW8260D			42.1 U	--	--
Tetrachloroethene (PCE)	SW8260D			42.1 U	--	--
Toluene	SW8260D			84.2 U	--	--
Trichloroethene (TCE)	SW8260D			42.1 U	--	--
Vinyl chloride	SW8260D			42.1 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				84.2 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				84.2 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	1340	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	94.7	--
Pentachlorophenol	SW8270E			33.5 UJ	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	4490 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	1970	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-011SC-A	USMPDI-011SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-14-16-201112	USMPDI-011SC-A-04-05-201111	USMPDI-011SC-A-05-06-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/12/2020	11/11/2020	11/11/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			14 - 16 ft	4 - 5 ft	5 - 6 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622154.507	7622217.934	7622217.934
2-Methylanthracene	SW8270DMSIM			707014.644	706977.593	706977.593
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	750	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	680	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			27.9	--	348
Acenaphthene	SW8270ESIM			--	475	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.35 U	--	1890
Acenaphthylene	SW8270ESIM			--	317	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3.35 U	--	3190
Anthracene	SW8270ESIM			--	4190	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3.35 U	--	5520
Benzo(a)anthracene	SW8270ESIM			--	7440	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			3.35 U	--	9200
Benzo(a)pyrene	SW8270ESIM			--	9250	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			3.35 U	--	6830
Benzo(b)fluoranthene	SW8270ESIM			--	5320	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-011SC-A	USMPDI-011SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-14-16-201112	USMPDI-011SC-A-04-05-201111	USMPDI-011SC-A-05-06-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	5440	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			3.35 U	--	6180
Benzo(g,h,i)perylene	SW8270ESIM			--	6010	--
Benzo(j)fluoranthene	SW8270ESIM			--	3890	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.35 U	--	2220 J
Benzo(k)fluoranthene	SW8270ESIM			--	3710	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	45.6	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	1150	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2.99 J	--	6340
Chrysene	SW8270ESIM			--	7740	--
Decalin, cis-	SW8270ESIM			--	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	80.4 J	--
Dibenzo(a,h)anthracene	SW8270E			3.35 U	--	626
Dibenzo(a,h)anthracene	SW8270ESIM			--	990	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	1570	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	1710	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			25	--	14000
Fluoranthene	SW8270ESIM			--	22700	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			20.6	--	1770
Fluorene	SW8270ESIM			--	4100	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-011SC-A	USMPDI-011SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-14-16-201112	USMPDI-011SC-A-04-05-201111	USMPDI-011SC-A-05-06-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			3.35 U	--	4850
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	5180	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	75.4	--	1240
Naphthalene	SW8270ESIM		140000	--	732	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	2460	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			79.7	--	10400
Phenanthrene	SW8270ESIM			--	25400	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			10.7	--	15500
Pyrene	SW8270ESIM			--	23200	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.35 UT	12900 T	9050 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3.87 JT	12000 T	12000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				50.4 JT	95000 T	71000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				223 T	41000 T	21000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		274 JT	140000 T	92000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	4750	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	349	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	1240	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	1770	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	2170	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	7920	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	2410	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-011SC-A	USMPDI-011SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-14-16-201112	USMPDI-011SC-A-04-05-201111	USMPDI-011SC-A-05-06-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			11/12/2020	11/11/2020	11/11/2020
C1-Naphthalenes	SW8270ESIM			14 - 16 ft	4 - 5 ft	5 - 6 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622154.507	7622217.934	7622217.934
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707014.644	706977.593	706977.593
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	3340	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	939	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	9410	--
C2-Decalins	SW8270ESIM			--	2410	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	731	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	1850	--
C2-Fluorenes	SW8270DMSIM			--	762	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	1980	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	4030	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	2250	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	4330	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	675	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	5440	--
C3-Decalins	SW8270ESIM			--	1260	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	1160	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	277	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-011SC-A	USMPDI-011SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-14-16-201112	USMPDI-011SC-A-04-05-201111	USMPDI-011SC-A-05-06-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	1140	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	2010	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	1740	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	5980	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	762	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	3380	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	507	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	1740	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	594	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	1480	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	2770	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	161	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	1500	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.79 U	18.9 U	30.0 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.79 U	15.1 U	18.4 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.79 U	15.1 U	42.2
4,4'-DDD (p,p'-DDD)	SW8081B			2.79 U	51.2	159
4,4'-DDE (p,p'-DDE)	SW8081B			2.79 U	15.1 U	22.7
4,4'-DDT (p,p'-DDT)	SW8081B			2.79 U	15.1 U	507

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-011SC-A	USMPDI-011SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-14-16-201112	USMPDI-011SC-A-04-05-201111	USMPDI-011SC-A-05-06-201111
				11/12/2020	11/11/2020	11/11/2020
				14 - 16 ft	4 - 5 ft	5 - 6 ft
				N	N	N
				7622154.507	7622217.934	7622217.934
				707014.644	706977.593	706977.593
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.79 UT	18.9 UT	66.4 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.79 UT	66.3 T	689 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.79 UT	60.7 T	174 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.79 UT	15.1 UT	31.9 T
PH-ROD Sum DDT (U = 1/2 max limit)				2.79 UT	15.1 UT	549 T
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.79 UT	90.8 T	755 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			71 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			71 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000379 J	0.000106 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000401 J	0.000241 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000287 J	0.000120 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00152 J	0.000379 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000686 J	0.000174 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0409	0.00815
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.556	0.12
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00186 J	0.00249 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00266 J	0.00186 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0139	0.00397
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0934	0.0238
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0102	0.00185
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0121	0.00210 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00718	0.00128 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0149	0.00263
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00376	0.000744 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000894 J	0.000113 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00135 J	0.000336 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0108	0.00214 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00286	0.000485 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0297	0.00506
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0378 J	0.0148 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0397 J	0.00862

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-009SC-D	USMPDI-011SC-A	USMPDI-011SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-009SC-D-14-16-201112	USMPDI-011SC-A-04-05-201111	USMPDI-011SC-A-05-06-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0337	0.00688
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.029	0.0059
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0218 JT	0.0041 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00798 JT	0.0016 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00738 JT	0.0016 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.694 JT	0.15 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.40 U	5.94 U	5.47 U
Aroclor 1221	SW8082A			5.40 U	5.94 U	5.47 U
Aroclor 1232	SW8082A			5.40 U	5.94 U	5.47 U
Aroclor 1242	SW8082A			5.40 U	34.1 J	13.8 J
Aroclor 1248	SW8082A			5.40 U	5.94 U	5.47 U
Aroclor 1254	SW8082A			5.40 U	51.9 J	20.9 J
Aroclor 1260	SW8082A			5.40 U	33.8 J	13.0 J
Aroclor 1262	SW8082A			5.40 U	5.94 U	5.47 U
Aroclor 1268	SW8082A			5.40 U	5.94 U	5.47 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.40 UT	138 JT	64.1 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	617	--
Motor oil range hydrocarbons	NWTPHDx			--	691	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.88 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SC-A	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-06-07-201111	USMPDI-011SC-A-07-08-201111	USMPDI-011SC-D-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				6 - 7 ft	7 - 8 ft	0 - 2 ft
				N	N	N
				7622217.934	7622217.934	7622217.934
				706977.593	706977.593	706977.593
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	4.16
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.85	1.1	1.7
Total Solids	SM2540G			66.7	64.8	59.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	4.7
Cadmium	SW6020B			--	--	0.259
Chromium	SW6020B			--	--	29.4
Copper	SW6020B			--	--	46.6
Lead	SW6020B			--	--	22.2
Manganese	SW6020B			--	--	595

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SC-A	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-06-07-201111	USMPDI-011SC-A-07-08-201111	USMPDI-011SC-D-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				6 - 7 ft	7 - 8 ft	0 - 2 ft
				N	N	N
				7622217.934	7622217.934	7622217.934
				706977.593	706977.593	706977.593
Vanadium	SW6020B			--	--	89.3 J
Zinc	SW6020B			--	--	117
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	64.7 U
1,2-Dichloroethene, cis-	SW8260D			--	--	64.7 U
Benzene	SW8260D			--	--	25.9 U
Chlorobenzene	SW8260D		320	--	--	64.7 U
Ethylbenzene	SW8260D			--	--	64.7 U
m,p-Xylene	SW8260D			--	--	129 U
o-Xylene	SW8260D			--	--	64.7 U
Tetrachloroethene (PCE)	SW8260D			--	--	64.7 U
Toluene	SW8260D			--	--	129 U
Trichloroethene (TCE)	SW8260D			--	--	64.7 U
Vinyl chloride	SW8260D			--	--	64.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	129 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	129 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	396 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SC-A	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-06-07-201111	USMPDI-011SC-A-07-08-201111	USMPDI-011SC-D-00-02-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			7.94 J	9.88 J	61.5
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			27.4	9.16 J	149
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			14.1 J	15.0 U	164
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			29.7	28	195
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			75.3	33.5	562
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			90.5	36.9	952
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			85	33.1	853
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SC-A	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-06-07-201111	USMPDI-011SC-A-07-08-201111	USMPDI-011SC-D-00-02-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			41.7	14.7 J	643
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			32.0 J	11.8 J	269 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			105	26.7	640
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			7.67 J	15.0 U	86.2
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			174	65	1070
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			20.9	23.7	105
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SC-A	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-06-07-201111	USMPDI-011SC-A-07-08-201111	USMPDI-011SC-D-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				6 - 7 ft	7 - 8 ft	0 - 2 ft
				N	N	N
				7622217.934	7622217.934	7622217.934
				706977.593	706977.593	706977.593
Indeno(1,2,3-c,d)pyrene	SW8270E			39.7	14.9 J	550
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	21.3	19	194
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			93.2	77.1	638
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			195	54.9	1130
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				117 JT	44.9 JT	1120 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	119 JT	52.7 JT	1200 JT
PH-ROD Total HPAH (U = 1/2 max limit)				846 JT	299 JT	6800 JT
PH-ROD Total LPAH (U = 1/2 max limit)				215 JT	174 JT	1510 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		1060 JT	473 JT	8300 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SC-A	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-06-07-201111	USMPDI-011SC-A-07-08-201111	USMPDI-011SC-D-00-02-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SC-A	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-06-07-201111	USMPDI-011SC-A-07-08-201111	USMPDI-011SC-D-00-02-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.87 U	3.08 U	3.34 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.87 U	3.08 U	3.34 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.87 U	3.08 U	3.34 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.87 U	3.08 U	6.51
4,4'-DDE (p,p'-DDE)	SW8081B			2.87 U	3.08 U	4.03
4,4'-DDT (p,p'-DDT)	SW8081B			2.87 U	3.08 U	3.34 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SC-A	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-06-07-201111	USMPDI-011SC-A-07-08-201111	USMPDI-011SC-D-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				6 - 7 ft	7 - 8 ft	0 - 2 ft
				N	N	N
				7622217.934	7622217.934	7622217.934
				706977.593	706977.593	706977.593
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.87 UT	3.08 UT	3.34 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.87 UT	3.08 UT	12.2 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.87 UT	3.08 UT	8.18 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.87 UT	3.08 UT	5.70 T
PH-ROD Sum DDT (U = 1/2 max limit)				2.87 UT	3.08 UT	3.34 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.87 UT	3.08 UT	17.2 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	92 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	92 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000332 U	0.0000346 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000703 U	0.0000558 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000704 U	0.0000648 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000752 U	0.0000667 U	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000749 U	0.0000686 U	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000795 J	0.000396 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.000155 U	0.00430 U	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000063	0.0000346 U	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0000703 U	0.0000558 U	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000298	0.0000686 U	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00195	0.000710 J	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000110 J	0.0000383 U	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000465 J	0.0000350 U	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000411 J	0.0000319 U	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000956 J	0.0000475 U	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000424 U	0.0000485 U	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000545 U	0.0000626 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000462 U	0.0000511 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000133 J	0.0000649 U	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000350 U	0.0000512 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000338 U	0.000298 U	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000233	0.0000383 U	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000876 J	0.0000350 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-A	USMPDI-011SC-A	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-A-06-07-201111	USMPDI-011SC-A-07-08-201111	USMPDI-011SC-D-00-02-201111
				11/11/2020	11/11/2020	11/11/2020
				6 - 7 ft	7 - 8 ft	0 - 2 ft
				N	N	N
				7622217.934	7622217.934	7622217.934
				706977.593	706977.593	706977.593
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000209 J	0.000120 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000276 J	0.0000649 U	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000232 JT	0.0000558 UT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000118 JT	0.0000558 UT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000114 JT	0.0000558 UT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.00172 JT	0.00430 UT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.62 U	6.04 U	6.49 U
Aroclor 1221	SW8082A			5.62 U	6.04 U	6.49 U
Aroclor 1232	SW8082A			5.62 U	6.04 U	6.49 U
Aroclor 1242	SW8082A			5.62 U	6.04 U	7.03 J
Aroclor 1248	SW8082A			5.62 U	6.04 U	6.49 U
Aroclor 1254	SW8082A			5.62 U	6.04 U	17.0 J
Aroclor 1260	SW8082A			5.62 U	6.04 U	9.59 J
Aroclor 1262	SW8082A			5.62 U	6.04 U	6.49 U
Aroclor 1268	SW8082A			5.62 U	6.04 U	6.49 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.62 UT	6.04 UT	53.1 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	3.54 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-02-04-201111	USMPDI-011SC-D-04-06-201111	USMPDI-011SC-D-06-08-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			80.2	44.5	0.238
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.7	--	--
Total Solids	SM2540G			66.9	69.1	66.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.05	5.98	4.35
Cadmium	SW6020B			0.242	0.254	0.0998 J
Chromium	SW6020B			23.9	24.2	27.2
Copper	SW6020B			29.5	32.3	33.8
Lead	SW6020B			20	63.7	6.95
Manganese	SW6020B			411	355	632

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-02-04-201111	USMPDI-011SC-D-04-06-201111	USMPDI-011SC-D-06-08-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			85.0 J	80.4 J	97.6 J
Zinc	SW6020B			123	161	67.2
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			52.8 U	43.9 U	46.0 U
1,2-Dichloroethene, cis-	SW8260D			52.8 U	43.9 U	46.0 U
Benzene	SW8260D			21.1 U	17.6 U	18.4 U
Chlorobenzene	SW8260D		320	52.8 U	43.9 U	46.0 U
Ethylbenzene	SW8260D			52.8 U	43.9 U	46.0 U
m,p-Xylene	SW8260D			106 U	87.8 U	92.1 U
o-Xylene	SW8260D			52.8 U	43.9 U	46.0 U
Tetrachloroethene (PCE)	SW8260D			52.8 U	43.9 U	46.0 U
Toluene	SW8260D			63.0 J	87.8 U	92.1 U
Trichloroethene (TCE)	SW8260D			52.8 U	43.9 U	46.0 U
Vinyl chloride	SW8260D			52.8 U	43.9 U	46.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				179 JT	87.8 UT	92.1 UT
PH-ROD Total Xylene (U = 1/2 max limit)				106 UT	87.8 UT	92.1 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			1120	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			122 J	--	--
Pentachlorophenol	SW8270E			707 U	704 U	36.6 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			1580	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			1420	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-02-04-201111	USMPDI-011SC-D-04-06-201111	USMPDI-011SC-D-06-08-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			480 J	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			622	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			327 J	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			3150	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			390 J	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			2890	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			5310	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			7130	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			3960	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-02-04-201111	USMPDI-011SC-D-04-06-201111	USMPDI-011SC-D-06-08-201111
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			11/11/2020	11/11/2020	11/11/2020
Benzo(g,h,i)perylene	SW8270DMSIM			2 - 4 ft	4 - 6 ft	6 - 8 ft
Benzo(g,h,i)perylene	SW8270E			N	N	N
Benzo(g,h,i)perylene	SW8270ESIM			7622217.934	7622217.934	7622217.934
Benzo(j)fluoranthene	SW8270ESIM			706977.593	706977.593	706977.593
Benzo(j,k)fluoranthene	SW8270DMSIM					
Benzo(j,k)fluoranthene	SW8270E					
Benzo(k)fluoranthene	SW8270ESIM					
Benzo(a,h)anthracene	SW8270DMSIM					
Benzo(a,h)anthracene	SW8270ESIM					
Benzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM					
Dibenzofuran	SW8270DMSIM					
Dibenzofuran	SW8270ESIM					
Dibenzothiophene	SW8270DMSIM					
Dibenzothiophene	SW8270ESIM					
Fluoranthene	SW8270DMSIM					
Fluoranthene	SW8270E					
Fluoranthene	SW8270ESIM					
Fluorene	SW8270DMSIM					
Fluorene	SW8270E					
Fluorene	SW8270ESIM					
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM					

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-02-04-201111	USMPDI-011SC-D-04-06-201111	USMPDI-011SC-D-06-08-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			4100	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	823	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			1940	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			13300	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			15600	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				9160 T	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	9300 T	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				68000 T	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				23000 JT	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		92000 JT	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			3650	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			156	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			629	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			1430	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			1680	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			6330	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			1590	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-02-04-201111	USMPDI-011SC-D-04-06-201111	USMPDI-011SC-D-06-08-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/11/2020	11/11/2020	11/11/2020
C1-Naphthalenes	SW8270ESIM			2 - 4 ft	4 - 6 ft	6 - 8 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622217.934	7622217.934	7622217.934
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706977.593	706977.593	706977.593
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			1640	--	--
C2-Benzo(b)thiophene	SW8270ESIM			956	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			6470	--	--
C2-Decalins	SW8270ESIM			1450	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			381	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			727	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			613	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			1770	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			3160	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			1830	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			2940	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			648	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			4950	--	--
C3-Decalins	SW8270DMSIM			927	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			671	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--
C3-Dibenzothiophenes	SW8270ESIM			400	--	--
				153	--	--
				--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-02-04-201111	USMPDI-011SC-D-04-06-201111	USMPDI-011SC-D-06-08-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			940	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			1800	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			1430	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			3690	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			531	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			3160	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			231	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			628	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			503	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			1590	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			2060	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			70.8	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			1580	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			8.11 U	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			5.79 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			5.79 U	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			24.6	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			5.85	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			26.5	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-02-04-201111	USMPDI-011SC-D-04-06-201111	USMPDI-011SC-D-06-08-201111
				11/11/2020	11/11/2020	11/11/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622217.934	7622217.934	7622217.934
				706977.593	706977.593	706977.593
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				8.11 UT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				57.0 T	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				28.7 T	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				8.74 T	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				29.4 T	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	66.8 T	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			75 U	75 U	78 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			75 U	75 U	78 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-02-04-201111	USMPDI-011SC-D-04-06-201111	USMPDI-011SC-D-06-08-201111
				11/11/2020	11/11/2020	11/11/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622217.934	7622217.934	7622217.934
				706977.593	706977.593	706977.593
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.82 U	--	--
Aroclor 1221	SW8082A			5.82 U	--	--
Aroclor 1232	SW8082A			5.82 U	--	--
Aroclor 1242	SW8082A			14.5 J	--	--
Aroclor 1248	SW8082A			5.82 U	--	--
Aroclor 1254	SW8082A			28.8 J	--	--
Aroclor 1260	SW8082A			23.3 J	--	--
Aroclor 1262	SW8082A			5.82 U	--	--
Aroclor 1268	SW8082A			5.82 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	84.1 JT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			500	--	--
Motor oil range hydrocarbons	NWTPHDx			545	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.99 UJ	2.99 J	3.12 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-08-10-201111	USMPDI-011SC-D-10-12-201111	USMPDI-011SC-D-12-13.5-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			NP	--	--
Plastic limit	D4318			NP	--	--
Plasticity index	D4318			NP	--	--
Specific gravity	D854			2.7	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.107 J	0.132 U	0.131 U
Conventional Parameters (pct)						
Moisture (water) content	D2216			29	--	--
Total organic carbon	SM5310BM			0.38	0.2	0.081
Total Solids	SM2540G			79.3	74	74.9
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			70	--	--
Total fines (Reported, not calculated)	D6913			30	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			33	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--
Percent passing 425 micron sieve (#40)	D6913			99	--	--
Percent passing 250 micron sieve (#60)	D6913			73	--	--
Percent passing 150 micron sieve (#100)	D6913			39	--	--
Percent passing 75 micron sieve (#200)	D6913			30	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.79	2.45	2.69
Cadmium	SW6020B			0.0634 J	0.138 U	0.131 U
Chromium	SW6020B			19.5	15.4	16.1
Copper	SW6020B			19.2	17.1	17.4
Lead	SW6020B			3.5	2.76	2.5
Manganese	SW6020B			288	256	236

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-08-10-201111	USMPDI-011SC-D-10-12-201111	USMPDI-011SC-D-12-13.5-201111
				11/11/2020	11/11/2020	11/11/2020
				8 - 10 ft	10 - 12 ft	12 - 13.5 ft
				N	N	N
				7622217.934	7622217.934	7622217.934
				706977.593	706977.593	706977.593
Vanadium	SW6020B			72.2	60.4	69.1
Zinc	SW6020B			50.7	42.9	45.8
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			39.2 U	36.7 U	32.1 U
1,2-Dichloroethene, cis-	SW8260D			39.2 U	36.7 U	32.1 U
Benzene	SW8260D			15.7 U	14.7 U	12.8 U
Chlorobenzene	SW8260D		320	39.2 U	36.7 U	32.1 U
Ethylbenzene	SW8260D			39.2 U	36.7 U	32.1 U
m,p-Xylene	SW8260D			78.3 U	73.3 U	64.2 U
o-Xylene	SW8260D			39.2 U	36.7 U	32.1 U
Tetrachloroethene (PCE)	SW8260D			39.2 U	36.7 U	32.1 U
Toluene	SW8260D			78.3 U	73.3 U	64.2 U
Trichloroethene (TCE)	SW8260D			39.2 U	36.7 U	32.1 U
Vinyl chloride	SW8260D			39.2 U	36.7 U	32.1 U
PH-ROD Total BTEX (U = 1/2 max limit)				78.3 UT	73.3 UT	64.2 UT
PH-ROD Total Xylene (U = 1/2 max limit)				78.3 UT	73.3 UT	64.2 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			29.9 U	33.3 U	31.8 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-08-10-201111	USMPDI-011SC-D-10-12-201111	USMPDI-011SC-D-12-13.5-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/11/2020	11/11/2020	11/11/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			8 - 10 ft	10 - 12 ft	12 - 13.5 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622217.934	7622217.934	7622217.934
2-Methylanthracene	SW8270DMSIM			706977.593	706977.593	706977.593
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM					
2-Methylnaphthalene	SW8270E			2.99 U	3.33 U	3.18 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2.99 U	3.33 U	3.18 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.99 U	3.33 U	3.18 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.99 U	3.33 U	3.18 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			1.76 J	3.33 U	3.18 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			3.29	1.85 J	3.18 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.51 J	3.33 U	3.18 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-08-10-201111	USMPDI-011SC-D-10-12-201111	USMPDI-011SC-D-12-13.5-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.18 J	3.33 U	3.18 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.99 U	3.33 U	3.18 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			1.60 J	3.33 U	3.18 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			2.99 U	3.33 U	3.18 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			3.53	2.41 J	3.18 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.99 U	3.33 U	3.18 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-08-10-201111	USMPDI-011SC-D-10-12-201111	USMPDI-011SC-D-12-13.5-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			11/11/2020	11/11/2020	11/11/2020
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			8 - 10 ft	10 - 12 ft	12 - 13.5 ft
Naphthalene	SW8270DMSIM		140000	N	N	N
Naphthalene	SW8270E		140000	7622217.934	7622217.934	7622217.934
Naphthalene	SW8270ESIM		140000	706977.593	706977.593	706977.593
Perylene	SW8270DMSIM					
Perylene	SW8270ESIM					
Phenanthrene	SW8270DMSIM					
Phenanthrene	SW8270E			1.82 J	3.33 U	3.18 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			1.77 J	3.33 U	3.18 U
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.07	2.61 J	3.18 U
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				3.63	2.38 J	3.18 U
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		4.01 JT	3.33 UT	3.18 UT
3-Methylphenanthrene	SW8270DMSIM			5.41 JT	4.03 JT	3.18 UT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			23.3 JT	18.3 JT	3.18 UT
C1-Benzo(b)thiophene	SW8270DMSIM			12.3 JT	12.6 JT	3.18 UT
C1-Benzo(b)thiophene	SW8270ESIM			35.6 JT	30.9 JT	3.18 UT
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-08-10-201111	USMPDI-011SC-D-10-12-201111	USMPDI-011SC-D-12-13.5-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-08-10-201111	USMPDI-011SC-D-10-12-201111	USMPDI-011SC-D-12-13.5-201111
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.36 U	2.67 U	2.62 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.36 U	2.67 U	2.62 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.36 U	2.67 U	2.62 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.36 U	2.67 U	2.62 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.36 U	2.67 U	2.62 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.36 U	2.67 U	2.62 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-08-10-201111	USMPDI-011SC-D-10-12-201111	USMPDI-011SC-D-12-13.5-201111
				11/11/2020	11/11/2020	11/11/2020
				8 - 10 ft	10 - 12 ft	12 - 13.5 ft
				N	N	N
				7622217.934	7622217.934	7622217.934
				706977.593	706977.593	706977.593
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.36 UT	2.67 UT	2.62 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.36 UT	2.67 UT	2.62 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.36 UT	2.67 UT	2.62 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.36 UT	2.67 UT	2.62 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.36 UT	2.67 UT	2.62 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.36 UT	2.67 UT	2.62 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			63 U	67 U	67 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			63 U	67 U	67 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-011SC-D-08-10-201111	USMPDI-011SC-D-10-12-201111	USMPDI-011SC-D-12-13.5-201111
				USMPDI-011SC-D	USMPDI-011SC-D	USMPDI-011SC-D
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622217.934	7622217.934	7622217.934
				706977.593	706977.593	706977.593
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.64 U	5.05 U	5.22 U
Aroclor 1221	SW8082A			4.64 U	5.05 U	5.22 U
Aroclor 1232	SW8082A			4.64 U	5.05 U	5.22 U
Aroclor 1242	SW8082A			4.64 U	5.05 U	5.22 U
Aroclor 1248	SW8082A			4.64 U	5.05 U	5.22 U
Aroclor 1254	SW8082A			4.64 U	5.05 U	5.22 U
Aroclor 1260	SW8082A			4.64 U	5.05 U	5.22 U
Aroclor 1262	SW8082A			4.64 U	5.05 U	5.22 U
Aroclor 1268	SW8082A			4.64 U	5.05 U	5.22 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.64 UT	5.05 UT	5.22 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.53 UJ	2.69 UJ	2.67 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-A	USMPDI-012SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-01-02-201109	USMPDI-012SC-A-02-03-201109	USMPDI-012SC-A-03-04-201109
				11/9/2020	11/9/2020	11/9/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.28	0.28	0.059
Total Solids	SM2540G			80.3	76.8	83
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-A	USMPDI-012SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-01-02-201109	USMPDI-012SC-A-02-03-201109	USMPDI-012SC-A-03-04-201109
				11/9/2020	11/9/2020	11/9/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-A	USMPDI-012SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-01-02-201109	USMPDI-012SC-A-02-03-201109	USMPDI-012SC-A-03-04-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			8.50 J	12.8 U	12.0 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			594	228	59.3
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			43.9	15.3	11.3 J
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			28.2	12.4 J	6.99 J
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			86.7 J	44.4	24.7
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			123 J	69.2	43.4
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			97.5 J	55.8	33
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-A	USMPDI-012SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-01-02-201109	USMPDI-012SC-A-02-03-201109	USMPDI-012SC-A-03-04-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			83.9 J	48.9	37.8
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			31.9 J	19.3 J	10.9 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			110 J	51.5	27.6
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			8.23 J	12.8 U	12.0 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			462	148	53.7
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			36.9	8.14 J	12.0 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-A	USMPDI-012SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-01-02-201109	USMPDI-012SC-A-02-03-201109	USMPDI-012SC-A-03-04-201109
				11/9/2020	11/9/2020	11/9/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
Indeno(1,2,3-c,d)pyrene	SW8270E			66.9 J	40.1	30.5
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	30.1	7.50 J	12.0 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			751	260	81.9
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			549	178	67.2
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				129 JT	75.1 JT	43.9 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	160 JT	89.9 JT	58.4 JT
PH-ROD Total HPAH (U = 1/2 max limit)				1600 JT	662 JT	335 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1490 JT	540 JT	177 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		3100 JT	1200 JT	512 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-A	USMPDI-012SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-01-02-201109	USMPDI-012SC-A-02-03-201109	USMPDI-012SC-A-03-04-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/9/2020	11/9/2020	11/9/2020
C1-Naphthalenes	SW8270ESIM			1 - 2 ft	2 - 3 ft	3 - 4 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622302.139	7622302.139	7622302.139
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707042.128	707042.128	707042.128
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-A	USMPDI-012SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-01-02-201109	USMPDI-012SC-A-02-03-201109	USMPDI-012SC-A-03-04-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			11/9/2020	11/9/2020	11/9/2020
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			1 - 2 ft	2 - 3 ft	3 - 4 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622302.139	7622302.139	7622302.139
C3-Fluorenes	SW8270ESIM			707042.128	707042.128	707042.128
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.41 U	2.53 U	2.32 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.41 U	2.53 U	2.32 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.41 U	2.53 U	2.32 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.41 U	2.53 U	2.32 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.41 U	2.53 U	2.32 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.41 U	2.53 U	2.32 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-A	USMPDI-012SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-01-02-201109	USMPDI-012SC-A-02-03-201109	USMPDI-012SC-A-03-04-201109
				11/9/2020	11/9/2020	11/9/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.41 UT	2.53 UT	2.32 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.41 UT	2.53 UT	2.32 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.41 UT	2.53 UT	2.32 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.41 UT	2.53 UT	2.32 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.41 UT	2.53 UT	2.32 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.41 UT	2.53 UT	2.32 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000990 J	0.0000398 J	0.0000209 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000116 J	0.0000536 U	0.0000549 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000800 U	0.0000625 U	0.0000298 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000852 J	0.000100 J	0.0000820 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000403 J	0.000102 J	0.0000750 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0186	0.00219 J	0.00155 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.322	0.0284	0.0249
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000589 J	0.000212 J	0.000114 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00131 J	0.0000973 J	0.000173 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00797	0.00174 J	0.00101 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0408	0.0053	0.00398
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00333	0.000354 J	0.000215 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00507	0.000381 J	0.000352 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00311	0.000209 J	0.000157 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00873	0.000711 J	0.000603 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00234 J	0.000161 J	0.000150 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000334 J	0.0000582 J	0.0000748 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000809 J	0.0000551 U	0.0000568 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00686	0.000708 J	0.000492 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00219 J	0.000166 J	0.000188 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0155	0.00141 J	0.00117 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00964	0.000890 J	0.000539 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0156	0.00123	0.000949 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-A	USMPDI-012SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-01-02-201109	USMPDI-012SC-A-02-03-201109	USMPDI-012SC-A-03-04-201109
				11/9/2020	11/9/2020	11/9/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0182	0.00148 J	0.00124 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0177	0.00171	0.00122
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00858 JT	0.000790 JT	0.000581 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00359 JT	0.000335 JT	0.000281 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00336 JT	0.000335 JT	0.000280 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.390 JT	0.0351 JT	0.0301 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.68 U	4.94 U	4.68 U
Aroclor 1221	SW8082A			4.68 U	4.94 U	4.68 U
Aroclor 1232	SW8082A			4.68 U	4.94 U	4.68 U
Aroclor 1242	SW8082A			4.68 U	4.94 U	4.68 U
Aroclor 1248	SW8082A			4.68 U	4.94 U	4.68 U
Aroclor 1254	SW8082A			4.01 J	4.94 U	4.68 U
Aroclor 1260	SW8082A			2.73 J	4.94 U	4.68 U
Aroclor 1262	SW8082A			4.68 U	4.94 U	4.68 U
Aroclor 1268	SW8082A			4.68 U	4.94 U	4.68 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	23.1 JT	4.94 UT	4.68 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-04-05-201109	USMPDI-012SC-D-00-02-201109	USMPDI-012SC-D-02-04-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	39	--
Plastic limit	D4318			--	31	--
Plasticity index	D4318			--	8	--
Specific gravity	D854			--	2.63	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	1.38 J	0.405 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	47.7	--
Total organic carbon	SM5310BM			0.069	--	--
Total Solids	SM2540G			86.7	71.1	81.3
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	48.2	--
Total fines (Reported, not calculated)	D6913			--	51.8	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	100	--
Percent passing 110 micron sieve (#140)	D6913			--	54	--
Percent passing 850 micron sieve (#20)	D6913			--	99	--
Percent passing 425 micron sieve (#40)	D6913			--	97	--
Percent passing 250 micron sieve (#60)	D6913			--	67	--
Percent passing 150 micron sieve (#100)	D6913			--	56	--
Percent passing 75 micron sieve (#200)	D6913			--	52	--
Metals (mg/kg)						
Arsenic	SW6020B			--	3.76	3.24
Cadmium	SW6020B			--	0.137 J	0.107 J
Chromium	SW6020B			--	21.5	13.4
Copper	SW6020B			--	27.1	16.3
Lead	SW6020B			--	9.95	3.66
Manganese	SW6020B			--	470	403

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-04-05-201109	USMPDI-012SC-D-00-02-201109	USMPDI-012SC-D-02-04-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	79.5 J	58.7 J
Zinc	SW6020B			--	81.2	49.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	44.4 U	34.3 U
1,2-Dichloroethene, cis-	SW8260D			--	44.4 U	34.3 U
Benzene	SW8260D			--	17.8 U	13.7 U
Chlorobenzene	SW8260D		320	--	44.4 U	34.3 U
Ethylbenzene	SW8260D			--	44.4 U	34.3 U
m,p-Xylene	SW8260D			--	88.8 U	68.6 U
o-Xylene	SW8260D			--	44.4 U	34.3 U
Tetrachloroethene (PCE)	SW8260D			--	44.4 U	34.3 U
Toluene	SW8260D			--	88.8 U	68.6 U
Trichloroethene (TCE)	SW8260D			--	44.4 U	34.3 U
Vinyl chloride	SW8260D			--	44.4 U	34.3 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	88.8 UT	68.6 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	88.8 UT	68.6 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	139 U	30.6 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-04-05-201109	USMPDI-012SC-D-00-02-201109	USMPDI-012SC-D-02-04-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			11.2 U	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			80.9	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			14.6	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			7.50 J	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			32.6	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			62.6	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			45.4	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-04-05-201109	USMPDI-012SC-D-00-02-201109	USMPDI-012SC-D-02-04-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			47.9	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			14.6 J	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			37.7	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			11.2 U	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			64.6	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			11.2 U	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-04-05-201109	USMPDI-012SC-D-00-02-201109	USMPDI-012SC-D-02-04-201109
				11/9/2020	11/9/2020	11/9/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
Indeno(1,2,3-c,d)pyrene	SW8270E			39.1	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	5.87 J	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			103	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			88.4	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				60.0 JT	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	80.1 JT	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				439 JT	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				223 JT	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		662 JT	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-04-05-201109	USMPDI-012SC-D-00-02-201109	USMPDI-012SC-D-02-04-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-04-05-201109	USMPDI-012SC-D-00-02-201109	USMPDI-012SC-D-02-04-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.22 U	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			2.22 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			2.22 U	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			2.22 U	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			2.22 U	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			2.22 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-04-05-201109	USMPDI-012SC-D-00-02-201109	USMPDI-012SC-D-02-04-201109
				11/9/2020	11/9/2020	11/9/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.22 UT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.22 UT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				2.22 UT	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				2.22 UT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				2.22 UT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.22 UT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	69 U	64 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	69 UJ	64 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000739 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000416 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000167 J	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000673 U	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000154 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00327	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0413	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000178 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000508 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00209 J	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00746	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000451 J	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000624 J	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000296 J	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00138 J	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000350 J	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000100 J	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000105 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00101 J	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000281 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00194 J	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00163 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0021	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-A	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-A-04-05-201109	USMPDI-012SC-D-00-02-201109	USMPDI-012SC-D-02-04-201109
				11/9/2020	11/9/2020	11/9/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00268 J	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00225	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00114 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000596 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000535 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0516 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.48 U	--	--
Aroclor 1221	SW8082A			4.48 U	--	--
Aroclor 1232	SW8082A			4.48 U	--	--
Aroclor 1242	SW8082A			4.48 U	--	--
Aroclor 1248	SW8082A			4.48 U	--	--
Aroclor 1254	SW8082A			4.48 U	--	--
Aroclor 1260	SW8082A			4.48 U	--	--
Aroclor 1262	SW8082A			4.48 U	--	--
Aroclor 1268	SW8082A			4.48 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.48 UT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	2.77 UJ	2.52 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-04-06-201109	USMPDI-012SC-D-06-08-201109	USMPDI-012SC-D-08-10-201109
				USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.280 J	0.0741 J	0.114 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	0.064	0.099
Total Solids	SM2540G			87.6	80.1	85.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.97	3.46	3.32
Cadmium	SW6020B			0.119 U	0.123 U	0.118 U
Chromium	SW6020B			13.6	15.6	16.2
Copper	SW6020B			16	17.7	17.8
Lead	SW6020B			3.18	3.01	2.92
Manganese	SW6020B			240	251	266

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-04-06-201109	USMPDI-012SC-D-06-08-201109	USMPDI-012SC-D-08-10-201109
				USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
				USMPDI-012SC-D-04-06-201109	USMPDI-012SC-D-06-08-201109	USMPDI-012SC-D-08-10-201109
				11/9/2020	11/9/2020	11/9/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
Vanadium	SW6020B			60.7 J	69.4 J	64.0 J
Zinc	SW6020B			44.6	46.7	45.3
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			31.0 U	34.9 U	31.3 U
1,2-Dichloroethene, cis-	SW8260D			31.0 U	34.9 U	31.3 U
Benzene	SW8260D			12.4 U	14.0 U	12.5 U
Chlorobenzene	SW8260D		320	31.0 U	34.9 U	31.3 U
Ethylbenzene	SW8260D			31.0 U	34.9 U	31.3 U
m,p-Xylene	SW8260D			61.9 U	69.9 U	62.7 U
o-Xylene	SW8260D			31.0 U	34.9 U	31.3 U
Tetrachloroethene (PCE)	SW8260D			31.0 U	34.9 U	31.3 U
Toluene	SW8260D			61.9 U	69.9 U	62.7 U
Trichloroethene (TCE)	SW8260D			31.0 U	34.9 U	31.3 U
Vinyl chloride	SW8260D			31.0 U	34.9 U	31.3 U
PH-ROD Total BTEX (U = 1/2 max limit)				61.9 UT	69.9 UT	62.7 UT
PH-ROD Total Xylene (U = 1/2 max limit)				61.9 UT	69.9 UT	62.7 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			27.9 U	30.1 U	28.9 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-04-06-201109	USMPDI-012SC-D-06-08-201109	USMPDI-012SC-D-08-10-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/9/2020	11/9/2020	11/9/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			4 - 6 ft	6 - 8 ft	8 - 10 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622302.139	7622302.139	7622302.139
2-Methylanthracene	SW8270DMSIM			707042.128	707042.128	707042.128
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	3.01 U	2.89 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	21.8	2.89 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	3.01 U	2.89 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	3.01 U	2.89 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	3.01 U	2.89 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	3.01 U	2.89 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	3.01 U	2.89 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-04-06-201109	USMPDI-012SC-D-06-08-201109	USMPDI-012SC-D-08-10-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	3.01 U	2.89 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	3.01 U	2.89 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	3.01 U	2.89 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	3.01 U	2.89 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	3.01 U	2.89 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	3.01 U	2.89 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-04-06-201109	USMPDI-012SC-D-06-08-201109	USMPDI-012SC-D-08-10-201109
				11/9/2020	11/9/2020	11/9/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
Indeno(1,2,3-c,d)pyrene	SW8270E			--	3.01 U	2.89 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	3.01 U	2.89 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	3.01 U	2.89 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	3.01 U	2.89 U
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	3.01 UT	2.89 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	3.01 UT	2.89 UT
PH-ROD Total HPAH (U = 1/2 max limit)				--	3.01 UT	2.89 UT
PH-ROD Total LPAH (U = 1/2 max limit)				--	30.8 T	2.89 UT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	45.9 T	2.89 UT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-04-06-201109	USMPDI-012SC-D-06-08-201109	USMPDI-012SC-D-08-10-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/9/2020	11/9/2020	11/9/2020
C1-Naphthalenes	SW8270ESIM			4 - 6 ft	6 - 8 ft	8 - 10 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622302.139	7622302.139	7622302.139
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707042.128	707042.128	707042.128
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-04-06-201109	USMPDI-012SC-D-06-08-201109	USMPDI-012SC-D-08-10-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	2.41 U	2.31 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	2.41 U	2.31 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	2.41 U	2.31 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	2.41 U	2.31 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	2.41 U	2.31 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	2.41 U	2.31 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-04-06-201109	USMPDI-012SC-D-06-08-201109	USMPDI-012SC-D-08-10-201109
				11/9/2020	11/9/2020	11/9/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	2.41 UT	2.31 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	2.41 UT	2.31 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	2.41 UT	2.31 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	2.41 UT	2.31 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	2.41 UT	2.31 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	2.41 UT	2.31 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			58 U	64 U	59 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			58 UJ	64 UJ	59 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-04-06-201109	USMPDI-012SC-D-06-08-201109	USMPDI-012SC-D-08-10-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	4.84 U	4.46 U
Aroclor 1221	SW8082A			--	4.84 U	4.46 U
Aroclor 1232	SW8082A			--	4.84 U	4.46 U
Aroclor 1242	SW8082A			--	4.84 U	4.46 U
Aroclor 1248	SW8082A			--	4.84 U	4.46 U
Aroclor 1254	SW8082A			--	4.84 U	4.46 U
Aroclor 1260	SW8082A			--	4.84 U	4.46 U
Aroclor 1262	SW8082A			--	4.84 U	4.46 U
Aroclor 1268	SW8082A			--	4.84 U	4.46 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	4.84 UT	4.46 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.29 UJ	2.52 UJ	2.42 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-10-12-201109	USMPDI-012SC-D-12-14-201109	USMPDI-012SC-D-14-15.9-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.128 UJ	0.119 J	-- R
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.046	0.85	0.055
Total Solids	SM2540G			77	72.1	73.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.14	4.53	3.05
Cadmium	SW6020B			0.134 U	0.0737 J	0.139 U
Chromium	SW6020B			15	18.9	13.8
Copper	SW6020B			16.4	22.7	17.3
Lead	SW6020B			2.69	3.49	2.7
Manganese	SW6020B			217	1590	233

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-10-12-201109	USMPDI-012SC-D-12-14-201109	USMPDI-012SC-D-14-15.9-201109
				USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			65.7 J	72.4 J	65.3 J
Zinc	SW6020B			44.9	48.8	46.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			36.3 U	39.8 U	36.9 U
1,2-Dichloroethene, cis-	SW8260D			36.3 U	39.8 U	36.9 U
Benzene	SW8260D			14.5 U	15.9 U	14.8 U
Chlorobenzene	SW8260D		320	36.3 U	39.8 U	36.9 U
Ethylbenzene	SW8260D			36.3 U	39.8 U	36.9 U
m,p-Xylene	SW8260D			72.6 U	79.5 U	73.8 U
o-Xylene	SW8260D			36.3 U	39.8 U	36.9 U
Tetrachloroethene (PCE)	SW8260D			36.3 U	39.8 U	36.9 U
Toluene	SW8260D			72.6 U	79.5 U	73.8 U
Trichloroethene (TCE)	SW8260D			36.3 U	39.8 U	36.9 U
Vinyl chloride	SW8260D			36.3 U	39.8 U	36.9 U
PH-ROD Total BTEX (U = 1/2 max limit)				72.6 UT	79.5 UT	73.8 UT
PH-ROD Total Xylene (U = 1/2 max limit)				72.6 UT	79.5 UT	73.8 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			32.3 U	133 U	33.3 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-10-12-201109	USMPDI-012SC-D-12-14-201109	USMPDI-012SC-D-14-15.9-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			11.6	13.3 U	4.33
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			3.23 U	13.3 U	3.33 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.23 U	13.3 U	3.33 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3.23 U	13.3 U	3.33 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3.23 U	13.3 U	3.33 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			3.23 U	13.3 U	3.33 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			3.23 U	13.3 U	3.33 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-10-12-201109	USMPDI-012SC-D-12-14-201109	USMPDI-012SC-D-14-15.9-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			3.23 U	13.3 U	3.33 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.23 U	13.3 U	3.33 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			3.23 U	13.3 U	3.33 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3.23 U	13.3 U	3.33 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			3.23 U	13.3 U	3.33 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3.23 U	13.3 U	3.33 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-10-12-201109	USMPDI-012SC-D-12-14-201109	USMPDI-012SC-D-14-15.9-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			11/9/2020	11/9/2020	11/9/2020
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			10 - 12 ft	12 - 14 ft	14 - 15.9 ft
Naphthalene	SW8270DMSIM		140000	N	N	N
Naphthalene	SW8270E		140000	7622302.139	7622302.139	7622302.139
Naphthalene	SW8270ESIM		140000	707042.128	707042.128	707042.128
Perylene	SW8270DMSIM					
Perylene	SW8270ESIM					
Phenanthrene	SW8270DMSIM					
Phenanthrene	SW8270E			3.23 U	13.3 U	3.33 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			12.3 U	13.3 U	4.4
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.36 J	13.3 U	2.98 J
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)				--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				3.23 U	13.3 U	3.33 U
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	--
3-Methylphenanthrene	SW8270DMSIM			3.23 UT	13.3 UT	3.33 UT
C1-Benzanthracenes/Chrysenes	SW8270ESIM		774000	3.23 UT	13.3 UT	3.33 UT
C1-Benzo(b)thiophene	SW8270DMSIM			3.23 UT	13.3 UT	3.33 UT
C1-Benzo(b)thiophene	SW8270ESIM			26.6 JT	13.3 UT	18.4 JT
C1-Chrysenes	SW8270DMSIM			42.7 JT	13.3 UT	35.0 JT
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-10-12-201109	USMPDI-012SC-D-12-14-201109	USMPDI-012SC-D-14-15.9-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-10-12-201109	USMPDI-012SC-D-12-14-201109	USMPDI-012SC-D-14-15.9-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.46 U	2.60 U	2.62 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.46 U	2.60 U	2.62 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.46 U	2.60 U	2.62 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.46 U	2.60 U	2.62 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.46 U	2.60 U	2.62 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.46 U	2.60 U	2.62 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-10-12-201109	USMPDI-012SC-D-12-14-201109	USMPDI-012SC-D-14-15.9-201109
				11/9/2020	11/9/2020	11/9/2020
				10 - 12 ft	12 - 14 ft	14 - 15.9 ft
				N	N	N
				7622302.139	7622302.139	7622302.139
				707042.128	707042.128	707042.128
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.46 UT	2.60 UT	2.62 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.46 UT	2.60 UT	2.62 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.46 UT	2.60 UT	2.62 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.46 UT	2.60 UT	2.62 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.46 UT	2.60 UT	2.62 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.46 UT	2.60 UT	2.62 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			65 U	73 U	67 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			65 UJ	73 UJ	67 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-012SC-D-10-12-201109	USMPDI-012SC-D-12-14-201109	USMPDI-012SC-D-14-15.9-201109
				USMPDI-012SC-D	USMPDI-012SC-D	USMPDI-012SC-D
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.08 U	5.24 U	5.16 U
Aroclor 1221	SW8082A			5.08 U	5.24 U	5.16 U
Aroclor 1232	SW8082A			5.08 U	5.24 U	5.16 U
Aroclor 1242	SW8082A			5.08 U	5.24 U	5.16 U
Aroclor 1248	SW8082A			5.08 U	5.24 U	5.16 U
Aroclor 1254	SW8082A			5.08 U	5.24 U	5.16 U
Aroclor 1260	SW8082A			5.08 U	5.24 U	5.16 U
Aroclor 1262	SW8082A			5.08 U	5.24 U	5.16 U
Aroclor 1268	SW8082A			5.08 U	5.24 U	5.16 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.08 UT	5.24 UT	5.16 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.63 UJ	3.0 UJ	2.64 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-A	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-01-02-201108	USMPDI-013SC-A-02-03-201108	USMPDI-013SC-A-03-04-201108
				11/8/2020	11/8/2020	11/8/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.3	0.065 T	0.14
Total Solids	SM2540G			57.1	74.7 T	78.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-A	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-01-02-201108	USMPDI-013SC-A-02-03-201108	USMPDI-013SC-A-03-04-201108
				11/8/2020	11/8/2020	11/8/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			94.8	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			21.9	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			23.1	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			74.7	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-A	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-01-02-201108	USMPDI-013SC-A-02-03-201108	USMPDI-013SC-A-03-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			18.9	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			22.2	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	9.04 JT	12.1 J
2-Methylnaphthalene	SW8270ESIM			55.2 J	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	45.3 T	207
Acenaphthene	SW8270ESIM			183	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	17.3 T	24.2 U
Acenaphthylene	SW8270ESIM			51.7 J	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	28.7 T	50.8
Anthracene	SW8270ESIM			105	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	82.3 T	129
Benzo(a)anthracene	SW8270ESIM			425 J	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	138 T	194
Benzo(a)pyrene	SW8270ESIM			920	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	98.5 T	147
Benzo(b)fluoranthene	SW8270ESIM			471 J	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-A	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-01-02-201108	USMPDI-013SC-A-02-03-201108	USMPDI-013SC-A-03-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			610	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	88.9 T	133
Benzo(g,h,i)perylene	SW8270ESIM			873	--	--
Benzo(j)fluoranthene	SW8270ESIM			272	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	34.2 JT	44.9 J
Benzo(k)fluoranthene	SW8270ESIM			287 J	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			12.0 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			25	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	101 T	146
Chrysene	SW8270ESIM			719 J	--	--
Decalin, cis-	SW8270ESIM			5.0 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			3.0 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	9.05 JT	12.8
Dibenzo(a,h)anthracene	SW8270ESIM			95.8	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			25.2	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			56.9	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	280 T	539
Fluoranthene	SW8270ESIM			1340	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	25.9 T	111
Fluorene	SW8270ESIM			92.7	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-A	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-01-02-201108	USMPDI-013SC-A-02-03-201108	USMPDI-013SC-A-03-04-201108
				Sample ID	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	73.1 T	104
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			685 J	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	25.2 T	36.6
Naphthalene	SW8270ESIM		140000	160 J	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			443	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	270 T	821
Phenanthrene	SW8270ESIM			976	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	360 T	641
Pyrene	SW8270ESIM			1580	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1030 JT	133 JT	192 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1200 JT	172 JT	245 JT
PH-ROD Total HPAH (U = 1/2 max limit)				7700 JT	1300 JT	2090 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1600 JT	420 JT	1250 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		9300 JT	1700 JT	3340 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			410	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			11.1	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			60.2	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			114	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			82	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			558	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			80.8	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-A	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-01-02-201108	USMPDI-013SC-A-02-03-201108	USMPDI-013SC-A-03-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			71.2	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			128	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			364	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			218	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			23.7	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			131	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			55.5	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			107	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			268	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			103	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			96.8	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			111	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			332	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			131	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			43.8	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			108	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			22.3	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-A	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-01-02-201108	USMPDI-013SC-A-02-03-201108	USMPDI-013SC-A-03-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			115	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			208	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			105	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			156	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			62.5	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			237	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			69.8	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			188	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			68.5	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			184	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			134	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			9.5	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			141	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.48 U	2.58 UJT	2.43 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.48 U	2.58 UJT	2.43 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.48 U	2.58 UJT	2.43 U
4,4'-DDD (p,p'-DDD)	SW8081B			10	2.58 UJT	1.60 J
4,4'-DDE (p,p'-DDE)	SW8081B			4.52	2.58 UJT	2.43 U
4,4'-DDT (p,p'-DDT)	SW8081B			3.48 U	2.58 UJT	2.43 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-A	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-01-02-201108	USMPDI-013SC-A-02-03-201108	USMPDI-013SC-A-03-04-201108
				11/8/2020	11/8/2020	11/8/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.48 UT	2.58 UJT	2.43 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				16.3 T	2.58 UJT	4.03 JT
PH-ROD Sum DDD (U = 1/2 max limit)				11.7 T	2.58 UJT	2.82 JT
PH-ROD Sum DDE (U = 1/2 max limit)				6.26 T	2.58 UJT	2.43 UT
PH-ROD Sum DDT (U = 1/2 max limit)				3.48 UT	2.58 UJT	2.43 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	21.5 T	2.58 UJT	7.68 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000390 J	0.0000204 UT	0.0000232 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000814 J	0.0000341 UT	0.0000643 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00124 J	0.0000671 UT	0.0000701 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00754	0.000133 JT	0.000199 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00308	0.000122 JT	0.0000745 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.142	0.00270 T	0.0042
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			1.48	0.0314 T	0.0631
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00428 J	0.0000673 T	0.000142
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00784 J	0.000252 JT	0.000497 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0581	0.00168 JT	0.00164
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.298	0.00621 T	0.00985
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00647	0.000210 JT	0.000330 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0112	0.000214 JT	0.000570 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00546	0.000130 JT	0.000353 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0229	0.000345 JT	0.00104 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00547	0.000115 JT	0.000381 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000906 J	0.0000481 JT	0.0000823 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00210 J	0.0000591 JT	0.000173 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.026	0.000774 JT	0.00168 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00466	0.000107 JT	0.000301 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0696	0.00138 JT	0.00391 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0255 J	0.000639 JT	0.00121
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0399 J	0.000777 JT	0.00243 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-A	USMPDI-013SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-01-02-201108	USMPDI-013SC-A-02-03-201108	USMPDI-013SC-A-03-04-201108
				11/8/2020	11/8/2020	11/8/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0629	0.00121 JT	0.00325
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0731	0.00179 T	0.00449
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0184 JT	0.000475 JT	0.00102 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00928 JT	0.000204 JT	0.000516 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0103 JT	0.000225 JT	0.000509 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				1.79 JT	0.0378 JT	0.0765 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.68 U	5.05 UT	4.91 U
Aroclor 1221	SW8082A			6.68 U	5.05 UT	4.91 U
Aroclor 1232	SW8082A			6.68 U	5.05 UT	4.91 U
Aroclor 1242	SW8082A			8.65 J	5.05 UT	4.91 U
Aroclor 1248	SW8082A			6.68 U	5.05 UT	4.91 U
Aroclor 1254	SW8082A			14.0 J	5.05 UT	4.91 U
Aroclor 1260	SW8082A			10.9 J	5.05 UT	4.91 U
Aroclor 1262	SW8082A			6.68 U	5.05 UT	4.91 U
Aroclor 1268	SW8082A			6.68 U	5.05 UT	4.91 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	53.6 JT	5.05 UT	4.91 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			129	--	--
Motor oil range hydrocarbons	NWTPHDx			262	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-04-05-201108	USMPDI-013SC-B-00-02-201108	USMPDI-013SC-B-02-04-201108
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	2.62 J	0.329 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.7	--	--
Total Solids	SM2540G			59.3	54.3	70.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	5.35	2.92
Cadmium	SW6020B			--	0.246	0.147 U
Chromium	SW6020B			--	29.8	16.7
Copper	SW6020B			--	45.9	19
Lead	SW6020B			--	15.6	4.71
Manganese	SW6020B			--	678	402

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-04-05-201108	USMPDI-013SC-B-00-02-201108	USMPDI-013SC-B-02-04-201108
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			--	94.4	67.3
Zinc	SW6020B			--	115	53.5
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	65.1 U	42.3 U
1,2-Dichloroethene, cis-	SW8260D			--	65.1 U	42.3 U
Benzene	SW8260D			--	26.1 U	16.9 U
Chlorobenzene	SW8260D		320	--	65.1 U	42.3 U
Ethylbenzene	SW8260D			--	65.1 U	61.1
m,p-Xylene	SW8260D			--	130 U	396
o-Xylene	SW8260D			--	65.1 U	133
Tetrachloroethene (PCE)	SW8260D			--	65.1 U	42.3 U
Toluene	SW8260D			--	130 U	84.6 U
Trichloroethene (TCE)	SW8260D			--	65.1 U	42.3 U
Vinyl chloride	SW8260D			--	65.1 U	42.3 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	130 UT	641 T
PH-ROD Total Xylene (U = 1/2 max limit)				--	130 UT	529 T
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	24.5
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	3.9 J
Pentachlorophenol	SW8270E			--	227 U	34.2 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	7
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	36.9

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-04-05-201108	USMPDI-013SC-B-00-02-201108	USMPDI-013SC-B-02-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	7.7
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	6.1
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			55.2	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	8.2
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2410	--	--
Acenaphthene	SW8270ESIM			--	--	64.7
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			124	--	--
Acenaphthylene	SW8270ESIM			--	--	9.8
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			184	--	--
Anthracene	SW8270ESIM			--	--	35.3
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			606	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	108
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			1100	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	118
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			805	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	78.3
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-04-05-201108	USMPDI-013SC-B-00-02-201108	USMPDI-013SC-B-02-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	89.8
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			832	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	119
Benzo(j)fluoranthene	SW8270ESIM			--	--	52.4
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			276 J	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	49.5
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	1.9 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	2.4 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			725	--	--
Chrysene	SW8270ESIM			--	--	132
Decalin, cis-	SW8270ESIM			--	--	4.7 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	4.7 UJ
Dibenzo(a,h)anthracene	SW8270E			66.7	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	10.2
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	3.9 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	50.9
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			2110	--	--
Fluoranthene	SW8270ESIM			--	--	452
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			803	--	--
Fluorene	SW8270ESIM			--	--	50.7
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-04-05-201108	USMPDI-013SC-B-00-02-201108	USMPDI-013SC-B-02-04-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
Indeno(1,2,3-c,d)pyrene	SW8270E			645	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	78.5
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	208	--	--
Naphthalene	SW8270ESIM		140000	--	--	26.4
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	55.3
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			3560	--	--
Phenanthrene	SW8270ESIM			--	--	551
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2410	--	--
Pyrene	SW8270ESIM			--	--	501
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1080 JT	--	180 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1400 JT	--	155 T
PH-ROD Total HPAH (U = 1/2 max limit)				9600 JT	--	1700 T
PH-ROD Total LPAH (U = 1/2 max limit)				7340 T	--	750 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		17000 JT	--	2400 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	71.2
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	3.1 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	4.7 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	13.1
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	35.6
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	139
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	34

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-04-05-201108	USMPDI-013SC-B-00-02-201108	USMPDI-013SC-B-02-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	11.9
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	17.8
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	155
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	28.9
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	14.3
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	24.8
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	5.5
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	31.3
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	41.9
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	34
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	31
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	10
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	93
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	15.9
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	12.2
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	15.9
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	4.7 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-04-05-201108	USMPDI-013SC-B-00-02-201108	USMPDI-013SC-B-02-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	19.8
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	23.5
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	25.4
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	58.1
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	4.7 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	46.9
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	5.7
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	23.4
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	8
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	30.6
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	47.5
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	4.7 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	11.7
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.26 U	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			3.26 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.26 U	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			3.26 UJ	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			3.26 U	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			3.26 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-04-05-201108	USMPDI-013SC-B-00-02-201108	USMPDI-013SC-B-02-04-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.26 UT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				3.26 UJT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				3.26 UJT	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				3.26 UT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				3.26 UT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	3.26 UJT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	92 U	66 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	92 U	66 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000501 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000369 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000664 U	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000254 J	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000204 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00683	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.103 J	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000953 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000839 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00351	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0158	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000556	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00128 J	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000589 J	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00667	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00159 J	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000249 J	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000297 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00414	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00112 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0078	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00243 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00387 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-A	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-A-04-05-201108	USMPDI-013SC-B-00-02-201108	USMPDI-013SC-B-02-04-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 5 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0111 J	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00985	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00232 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00143 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00142 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.135 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.69 U	--	--
Aroclor 1221	SW8082A			6.69 U	--	--
Aroclor 1232	SW8082A			6.69 U	--	--
Aroclor 1242	SW8082A			6.69 U	--	--
Aroclor 1248	SW8082A			6.69 U	--	--
Aroclor 1254	SW8082A			6.69 U	--	--
Aroclor 1260	SW8082A			6.69 U	--	--
Aroclor 1262	SW8082A			6.69 U	--	--
Aroclor 1268	SW8082A			6.69 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	6.69 UT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	67.1 U
Motor oil range hydrocarbons	NWTPHDx			--	--	134 U
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	3.75 UJ	2.66 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-04-06-201108	USMPDI-013SC-B-06-08-201108	USMPDI-013SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	NP
Plastic limit	D4318			--	--	NP
Plasticity index	D4318			--	--	NP
Specific gravity	D854			--	--	2.7
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.249 J	0.126 J	0.149 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	17.6
Total organic carbon	SM5310BM			--	0.054	0.076
Total Solids	SM2540G			74.7	78.7	84.9
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	89.8
Total fines (Reported, not calculated)	D6913			--	--	10.2
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	11
Percent passing 850 micron sieve (#20)	D6913			--	--	100
Percent passing 425 micron sieve (#40)	D6913			--	--	98
Percent passing 250 micron sieve (#60)	D6913			--	--	38
Percent passing 150 micron sieve (#100)	D6913			--	--	12
Percent passing 75 micron sieve (#200)	D6913			--	--	10
Metals (mg/kg)						
Arsenic	SW6020B			3.86	2.66	2.63
Cadmium	SW6020B			0.0911 J	0.126 U	0.121 U
Chromium	SW6020B			21.8	15.6	14.7
Copper	SW6020B			25.9	16.4	16.9
Lead	SW6020B			6.03	3.43	3.3
Manganese	SW6020B			781	273	298

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-04-06-201108	USMPDI-013SC-B-06-08-201108	USMPDI-013SC-B-08-10-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
Vanadium	SW6020B			81	66.3	60.4
Zinc	SW6020B			59.5	48.3	47.3
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			45.0 U	37.0 U	35.8 U
1,2-Dichloroethene, cis-	SW8260D			45.0 U	37.0 U	35.8 U
Benzene	SW8260D			18.0 U	14.8 U	14.3 U
Chlorobenzene	SW8260D		320	45.0 U	37.0 U	35.8 U
Ethylbenzene	SW8260D			45.0 U	37.0 U	35.8 U
m,p-Xylene	SW8260D			48.6 J	74.0 U	71.6 U
o-Xylene	SW8260D			45.0 U	37.0 U	35.8 U
Tetrachloroethene (PCE)	SW8260D			45.0 U	37.0 U	35.8 U
Toluene	SW8260D			90.1 U	74.0 U	71.6 U
Trichloroethene (TCE)	SW8260D			45.0 U	37.0 U	35.8 U
Vinyl chloride	SW8260D			45.0 U	37.0 U	35.8 U
PH-ROD Total BTEX (U = 1/2 max limit)				148 JT	74.0 UT	71.6 UT
PH-ROD Total Xylene (U = 1/2 max limit)				71.1 JT	74.0 UT	71.6 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			127 U	29.7 U	116 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-04-06-201108	USMPDI-013SC-B-06-08-201108	USMPDI-013SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	28.1	19.3
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	108	347
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	13.2	44.7
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	35.1	57.3
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	106	335
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	135	573
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	101	417
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-04-06-201108	USMPDI-013SC-B-06-08-201108	USMPDI-013SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	89.9	355
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	30.2 J	143 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	105	405
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	8.61	38.6
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	379	877
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	80.1	165
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-04-06-201108	USMPDI-013SC-B-06-08-201108	USMPDI-013SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	72	293
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	36.7	65.1
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	551	1120
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	509	964
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	131 JT	560 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	172 JT	718 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	1540 JT	4400 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	852 T	1820 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	2390 JT	6220 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-04-06-201108	USMPDI-013SC-B-06-08-201108	USMPDI-013SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-04-06-201108	USMPDI-013SC-B-06-08-201108	USMPDI-013SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	2.45 U	2.29 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	2.45 U	2.29 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	2.45 U	2.29 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	2.45 UJ	2.29 UJ
4,4'-DDE (p,p'-DDE)	SW8081B			--	2.45 U	2.29 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	2.45 U	2.29 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-04-06-201108	USMPDI-013SC-B-06-08-201108	USMPDI-013SC-B-08-10-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	2.45 UT	2.29 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	2.45 UJT	2.29 UJT
PH-ROD Sum DDD (U = 1/2 max limit)				--	2.45 UJT	2.29 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				--	2.45 UT	2.29 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	2.45 UT	2.29 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	2.45 UJT	2.29 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			66 U	65 U	58 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			66 U	65 U	58 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-04-06-201108	USMPDI-013SC-B-06-08-201108	USMPDI-013SC-B-08-10-201108
				USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	4.85 U	4.63 U
Aroclor 1221	SW8082A			--	4.85 U	4.63 U
Aroclor 1232	SW8082A			--	4.85 U	4.63 U
Aroclor 1242	SW8082A			--	4.85 U	4.63 U
Aroclor 1248	SW8082A			--	4.85 U	4.63 U
Aroclor 1254	SW8082A			--	4.85 U	4.63 U
Aroclor 1260	SW8082A			--	4.85 U	4.63 U
Aroclor 1262	SW8082A			--	4.85 U	4.63 U
Aroclor 1268	SW8082A			--	4.85 U	4.63 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	4.85 UT	4.63 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.66 UJ	2.55 UJ	2.29 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-10-12-201108	USMPDI-013SC-B-12-14-201108	USMPDI-013SC-B-14-15.3-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.129 UJ	0.0718 J	0.139 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.048	0.71	0.27
Total Solids	SM2540G			76.6	75.4	71.2
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.09	4.09	3.73
Cadmium	SW6020B			0.132 U	0.135 U	0.136 U
Chromium	SW6020B			15.5	21.2	19
Copper	SW6020B			16.8	23.1	20.4
Lead	SW6020B			2.64	3.49	3.56
Manganese	SW6020B			284	752	230

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-10-12-201108	USMPDI-013SC-B-12-14-201108	USMPDI-013SC-B-14-15.3-201108
				USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
				USMPDI-013SC-B-10-12-201108	USMPDI-013SC-B-12-14-201108	USMPDI-013SC-B-14-15.3-201108
				11/8/2020	11/8/2020	11/8/2020
				10 - 12 ft	12 - 14 ft	14 - 15.3 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
Vanadium	SW6020B			67.9	74.4	76.2
Zinc	SW6020B			45.4	50.9	53.4
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			36.8 U	41.5 U	47.8 U
1,2-Dichloroethene, cis-	SW8260D			36.8 U	41.5 U	47.8 U
Benzene	SW8260D			14.7 U	16.6 U	19.1 U
Chlorobenzene	SW8260D		320	36.8 U	41.5 U	47.8 U
Ethylbenzene	SW8260D			36.8 U	41.5 U	47.8 U
m,p-Xylene	SW8260D			73.6 U	83.1 U	95.6 U
o-Xylene	SW8260D			36.8 U	41.5 U	47.8 U
Tetrachloroethene (PCE)	SW8260D			36.8 U	41.5 U	47.8 U
Toluene	SW8260D			73.6 U	83.1 U	95.6 U
Trichloroethene (TCE)	SW8260D			36.8 U	41.5 U	47.8 U
Vinyl chloride	SW8260D			36.8 U	41.5 U	47.8 U
PH-ROD Total BTEX (U = 1/2 max limit)				73.6 UT	83.1 UT	95.6 UT
PH-ROD Total Xylene (U = 1/2 max limit)				73.6 UT	83.1 UT	95.6 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			31.1 U	32.2 U	1370 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-10-12-201108	USMPDI-013SC-B-12-14-201108	USMPDI-013SC-B-14-15.3-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			3.11 U	3.22 U	251
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			9.2	2.86 J	650
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.11 U	3.22 U	252 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3.11 U	3.22 U	1310
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3.11 U	3.22 U	1030
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			3.11 U	3.22 U	701
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			3.11 U	3.22 U	645
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-10-12-201108	USMPDI-013SC-B-12-14-201108	USMPDI-013SC-B-14-15.3-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			3.11 U	3.22 U	226
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.11 U	3.22 U	222 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			3.11 U	3.22 U	1260
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3.11 U	3.22 U	137 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			3.11 U	3.22 U	4440
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3.11 U	3.22 U	572
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-10-12-201108	USMPDI-013SC-B-12-14-201108	USMPDI-013SC-B-14-15.3-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			11/8/2020	11/8/2020	11/8/2020
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			10 - 12 ft	12 - 14 ft	14 - 15.3 ft
Naphthalene	SW8270DMSIM		140000	N	N	N
Naphthalene	SW8270E		140000	7622342.818	7622342.818	7622342.818
Naphthalene	SW8270ESIM		140000	706940.059	706940.059	706940.059
Perylene	SW8270DMSIM					
Perylene	SW8270ESIM					
Phenanthrene	SW8270DMSIM					
Phenanthrene	SW8270E			3.11 U	3.22 U	213
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			3.11 U	3.22 U	6040
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.11 UT	3.22 UT	867 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3.11 UT	3.22 UT	962 JT
PH-ROD Total HPAH (U = 1/2 max limit)				3.11 UT	3.22 UT	14800 JT
PH-ROD Total LPAH (U = 1/2 max limit)				20.1 T	12.5 JT	10000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		35.7 T	28.6 JT	25000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-10-12-201108	USMPDI-013SC-B-12-14-201108	USMPDI-013SC-B-14-15.3-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/8/2020	11/8/2020	11/8/2020
C1-Naphthalenes	SW8270ESIM			10 - 12 ft	12 - 14 ft	14 - 15.3 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622342.818	7622342.818	7622342.818
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706940.059	706940.059	706940.059
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-10-12-201108	USMPDI-013SC-B-12-14-201108	USMPDI-013SC-B-14-15.3-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.57 UJ	2.63 UJ	2.77 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.57 UJ	2.63 UJ	2.77 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.57 UJ	2.63 UJ	2.77 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.57 UJ	2.63 UJ	2.77 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.57 UJ	2.63 UJ	2.77 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.57 UJ	2.63 UJ	2.77 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-10-12-201108	USMPDI-013SC-B-12-14-201108	USMPDI-013SC-B-14-15.3-201108
				11/8/2020	11/8/2020	11/8/2020
				10 - 12 ft	12 - 14 ft	14 - 15.3 ft
				N	N	N
				7622342.818	7622342.818	7622342.818
				706940.059	706940.059	706940.059
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.57 UJT	2.63 UJT	2.77 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.57 UJT	2.63 UJT	2.77 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.57 UJT	2.63 UJT	2.77 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.57 UJT	2.63 UJT	2.77 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.57 UJT	2.63 UJT	2.77 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.57 UJT	2.63 UJT	2.77 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			66 U	66 U	69 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			66 U	66 U	69 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-013SC-B-10-12-201108	USMPDI-013SC-B-12-14-201108	USMPDI-013SC-B-14-15.3-201108
				USMPDI-013SC-B	USMPDI-013SC-B	USMPDI-013SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.15 U	5.06 U	5.56 U
Aroclor 1221	SW8082A			5.15 U	5.06 U	5.56 U
Aroclor 1232	SW8082A			5.15 U	5.06 U	5.56 U
Aroclor 1242	SW8082A			5.15 U	5.06 U	5.56 U
Aroclor 1248	SW8082A			5.15 U	5.06 U	5.56 U
Aroclor 1254	SW8082A			5.15 U	5.06 U	5.56 U
Aroclor 1260	SW8082A			5.15 U	5.06 U	5.56 U
Aroclor 1262	SW8082A			5.15 U	5.06 U	5.56 U
Aroclor 1268	SW8082A			5.15 U	5.06 U	5.56 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.15 UT	5.06 UT	5.56 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.66 UJ	2.61 UJ	2.85 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				11/9/2020	11/9/2020	11/9/2020
				10 - 11 ft	11 - 12 ft	12 - 13 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			4.3	4.6	3.5
Total Solids	SM2540G			56.3	56.7	59.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				11/9/2020	11/9/2020	11/9/2020
				10 - 11 ft	11 - 12 ft	12 - 13 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			3890	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			1540	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			20100 J	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			6170	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			3350	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			5580	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	27500	14100
2-Methylnaphthalene	SW8270ESIM			32200 J	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	23900	12100
Acenaphthene	SW8270ESIM			39300	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	2700	1280 U
Acenaphthylene	SW8270ESIM			934 J	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	24800	7040
Anthracene	SW8270ESIM			23400	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	19400	5800
Benzo(a)anthracene	SW8270ESIM			14100	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	30500	9940
Benzo(a)pyrene	SW8270ESIM			20600	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	22800	7560
Benzo(b)fluoranthene	SW8270ESIM			9510	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			11600	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	20000	7600
Benzo(g,h,i)perylene	SW8270ESIM			17200	--	--
Benzo(j)fluoranthene	SW8270ESIM			8890	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	7740 J	2530 J
Benzo(k)fluoranthene	SW8270ESIM			8110	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			793 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			3050	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	22500	7280
Chrysene	SW8270ESIM			19300	--	--
Decalin, cis-	SW8270ESIM			90.3 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			42.6 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	1860	637
Dibenzo(a,h)anthracene	SW8270ESIM			2220	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			2890	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			13700	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	75500	24800
Fluoranthene	SW8270ESIM			73000	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	17600	8480
Fluorene	SW8270ESIM			22400	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	15900	5730
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			11100	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	13600	11300
Naphthalene	SW8270ESIM		140000	8210	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			6170	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	121000	40300
Phenanthrene	SW8270ESIM			141000	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	81100	31600
Pyrene	SW8270ESIM			84000	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				26500 T	30500 JT	10100 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	26400 T	38300 JT	13000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				270000 T	300000 JT	100000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				267000 JT	230000 T	94000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		540000 JT	530000 JT	200000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			90.3 U	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			2720	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			90.3 U	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			1860	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			7450	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			18900	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			9660	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			33600	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			2020	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			26700	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			90.3 U	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			5360	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			90.3 U	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			652	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			5640	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			5700	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			6860	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			34300	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			1020	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			12900	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			90.3 U	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			90.3 U	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			90.3 U	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			166	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			3440	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			2540	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			5440	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			26800	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			1300	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			6600	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			90.3 U	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			90.3 U	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			1360	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			5700	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			12500	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			90.3 U	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			1580	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			68.0 U	39.9 U	13.2 U
2,4'-DDE (o,p'-DDE)	SW8081B			68.0 U	34.7 U	13.2 U
2,4'-DDT (o,p'-DDT)	SW8081B			68.0 U	34.7 U	13.2 U
4,4'-DDD (p,p'-DDD)	SW8081B			85.1	64.8	13.2 U
4,4'-DDE (p,p'-DDE)	SW8081B			68.0 U	34.7 U	13.2 U
4,4'-DDT (p,p'-DDT)	SW8081B			68.0 U	34.7 U	13.2 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
				USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				11/9/2020	11/9/2020	11/9/2020
				10 - 11 ft	11 - 12 ft	12 - 13 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				68.0 UT	39.9 UT	13.2 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				153 T	99.5 T	13.2 UT
PH-ROD Sum DDD (U = 1/2 max limit)				119 T	84.8 T	13.2 UT
PH-ROD Sum DDE (U = 1/2 max limit)				68.0 UT	34.7 UT	13.2 UT
PH-ROD Sum DDT (U = 1/2 max limit)				68.0 UT	34.7 UT	13.2 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	255 T	154 T	13.2 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000408 J	0.000523	0.000247 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00123 J	0.00166 J	0.00141 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00265	0.00157 J	0.000813 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0281	0.0178	0.0115 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00697	0.00527	0.00293
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			2.06	0.782	0.176 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			19	7.22	2.31
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0142 J	0.0116 J	0.00717 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0272 J	0.0301	0.0252 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.395	0.228	0.124 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			4.59	1.62	0.451 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0286	0.00421	0.00124
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0513	0.0038	0.00218 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0367	0.0136	0.0162
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0947	0.00985	0.0114
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0266	0.0117	0.0438
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00287	0.000597 J	0.00151 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0106	0.00934	0.0192
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.157	0.295	0.89
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.018	0.00413	0.00659
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.504	0.223	0.329
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.125 J	0.0795 J	0.0837 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.263	0.194 J	0.258 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
				USMPDI-014SC-A-10-11-201109	USMPDI-014SC-A-11-12-201109	USMPDI-014SC-A-12-13-201109
				11/9/2020	11/9/2020	11/9/2020
				10 - 11 ft	11 - 12 ft	12 - 13 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.286 J	0.243 J	0.668 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.547	0.595	1.69
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.092 JT	0.0288 JT	0.037 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.045 JT	0.0181 JT	0.027 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.062 JT	0.0255 JT	0.027 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				22 JT	8.60 JT	3.8 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.97 U	6.75 U	6.29 U
Aroclor 1221	SW8082A			7.84 U	6.75 U	6.29 U
Aroclor 1232	SW8082A			12.2 U	6.75 U	6.29 U
Aroclor 1242	SW8082A			6.97 U	6.75 U	6.29 U
Aroclor 1248	SW8082A			9.76 U	6.75 U	6.29 U
Aroclor 1254	SW8082A			19.2 U	14.8 U	10.2 U
Aroclor 1260	SW8082A			26.7	21.2	17.5
Aroclor 1262	SW8082A			6.97 U	6.75 U	6.29 U
Aroclor 1268	SW8082A			6.97 U	10.3 U	11.0 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	65.1 T	54.0 T	47.0 T
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			2610	--	--
Motor oil range hydrocarbons	NWTPHDx			1960	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-13-14-201109	USMPDI-014SC-A-14-15-201109	USMPDI-014SC-A-15-16-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.7	--	--
Total Solids	SM2540G			64.4	69.6	69.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-13-14-201109	USMPDI-014SC-A-14-15-201109	USMPDI-014SC-A-15-16-201109
				USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
				USMPDI-014SC-A-13-14-201109	USMPDI-014SC-A-14-15-201109	USMPDI-014SC-A-15-16-201109
				11/9/2020	11/9/2020	11/9/2020
				13 - 14 ft	14 - 15 ft	15 - 16 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	86	54.9
2-Methylpyrene	SW8270DMSIM			--	81.8	52
4-Methylpyrene	SW8270DMSIM			--	84.3	52.8
Benzo(b)fluorene	SW8270DMSIM			--	171	97.1
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	68.7	33.7
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	8.09	5.66
1-Methylnaphthalene	SW8270DMSIM			--	34.2	29.6
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	96.3	66.7
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-13-14-201109	USMPDI-014SC-A-14-15-201109	USMPDI-014SC-A-15-16-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	13.2	5.92
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	28.6	21.1
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	32	21.1
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	29.2	21.7
2-Methylnaphthalene	SW8270DMSIM			--	61.5	48
2-Methylnaphthalene	SW8270E			424	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	118	77.6
4-Methyldibenzothiophene	SW8270DMSIM			--	25.8	18.5
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	107	65.2
Acenaphthene	SW8270DMSIM			--	528	165
Acenaphthene	SW8270E			3090	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	111	61.2
Acenaphthylene	SW8270E			509	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	377	173
Anthracene	SW8270E			1340	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	1150	709
Benzo(a)anthracene	SW8270E			3440	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	302	190
Benzo(a)pyrene	SW8270DMSIM			--	2120	1500
Benzo(a)pyrene	SW8270E			6440	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	1450 J	854 J
Benzo(b)fluoranthene	SW8270E			4730	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	44.4	44.7
Benzo(e)pyrene	SW8270DMSIM			--	1310	795

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-13-14-201109	USMPDI-014SC-A-14-15-201109	USMPDI-014SC-A-15-16-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	2370	1720
Benzo(g,h,i)perylene	SW8270E			4950	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	1010	660
Benzo(j,k)fluoranthene	SW8270E			1480 J	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	250	167
Benzothiophene	SW8270DMSIM			--	17.2	8.52
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	20.9	8.67
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	1330	830
Chrysene	SW8270E			4320	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	14	6.53 J
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			367 J	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	258 J	160 J
Dibenzofuran	SW8270DMSIM			--	29.2	13.5
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	242	113
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	3980	1960
Fluoranthene	SW8270E			14200	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	221	82
Fluorene	SW8270E			1390	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	1850 J	1140 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-13-14-201109	USMPDI-014SC-A-14-15-201109	USMPDI-014SC-A-15-16-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			3730	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	371	170
Naphthalene	SW8270E		140000	2140	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	873	784
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	3000	1270
Phenanthrene	SW8270E			10700	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	4900	2470
Pyrene	SW8270E			18300	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	59.8	31.2 J
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				6210 JT	2460 JT	1500 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	8020 JT	2830 JT	1900 JT
PH-ROD Total HPAH (U = 1/2 max limit)				62000 JT	20000 JT	12000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				19600 T	4700 T	2000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		81600 JT	25000 JT	14000 JT
3-Methylphenanthrene	SW8270DMSIM			--	100	66
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	9.98	5.65
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	251	179
C1-Decalins	SW8270DMSIM			--	59.8	27.1
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	73.6	54.3
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	715	468
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	61.2	39.6
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-13-14-201109	USMPDI-014SC-A-14-15-201109	USMPDI-014SC-A-15-16-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	62.5	50.6
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	62.9	45.1
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	433	282
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	10.6	9.52
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	127	86.3
C2-Decalins	SW8270DMSIM			--	123	59.7
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	69.2	48.3
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	154	105
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	77.1	46
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	66.6	45.3
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	45.4	28.2
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	267	169
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	16.7	11.9
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	104	60.8
C3-Decalins	SW8270DMSIM			--	101	49.4
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	64.1	40.1

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-13-14-201109	USMPDI-014SC-A-14-15-201109	USMPDI-014SC-A-15-16-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	95	58.5
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	84.9	49.4
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	92.1	49.9
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	49.1	29.3
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	195	110
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	17.4	11.2
C4-Chrysenes	SW8270DMSIM			--	70.3	41.9
C4-Decalins	SW8270DMSIM			--	126	64
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	36.3	21.7
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	80.8	45.5
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	85.7	47.5
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	24	13.8
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	102	54.5
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			11.8 U	2.84 UJ	2.74 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			11.8 U	2.84 UJ	2.74 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			11.8 U	2.84 UJ	2.74 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			11.8 U	2.84 UJ	2.74 UJ
4,4'-DDE (p,p'-DDE)	SW8081B			11.8 U	2.84 UJ	2.74 UJ
4,4'-DDT (p,p'-DDT)	SW8081B			11.8 U	2.84 UJ	2.74 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-13-14-201109	USMPDI-014SC-A-14-15-201109	USMPDI-014SC-A-15-16-201109
				11/9/2020	11/9/2020	11/9/2020
				13 - 14 ft	14 - 15 ft	15 - 16 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				11.8 UT	2.84 UJT	2.74 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				11.8 UT	2.84 UJT	2.74 UJT
PH-ROD Sum DDD (U = 1/2 max limit)				11.8 UT	2.84 UJT	2.74 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				11.8 UT	2.84 UJT	2.74 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				11.8 UT	2.84 UJT	2.74 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	11.8 UT	2.84 UJT	2.74 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000461 J	0.000226 U	0.000219 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000626 U	0.000538 U	0.000522 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000671 J	0.000809 U	0.000785 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000134 J	0.000629 U	0.000610 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000177 J	0.000562 U	0.000545 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00204 J	0.00150 J	0.00127 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0278	0.0122	0.00911
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000672 J	0.000226 U	0.000219 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000801 J	0.000538 U	0.000522 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00246	0.000809 U	0.000785 U
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00506	0.000397 U	0.000386 U
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000118 J	0.000202 U	0.000196 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000390 U	0.000440 U	0.000427 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000748 J	0.000368 U	0.000357 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000637 J	0.000469 U	0.000455 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000927 J	0.000513 U	0.000498 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000663 J	0.000416 U	0.000404 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000670 J	0.000446 U	0.000432 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00136 J	0.000581 U	0.000563 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000456 U	0.000402 U	0.000390 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000816 J	0.00124 U	0.00120 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00185 J	0.000202 U	0.000196 U
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000932 J	0.000440 U	0.000427 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-A	USMPDI-014SC-A	USMPDI-014SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-A-13-14-201109	USMPDI-014SC-A-14-15-201109	USMPDI-014SC-A-15-16-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00126 J	0.000469 U	0.000455 U
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00242	0.000581 U	0.000563 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000342 JT	0.000840 JT	0.000815 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000206 JT	0.000798 JT	0.000774 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000222 JT	0.000670 JT	0.000647 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0330 JT	0.0176 JT	0.0142 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.88 U	5.72 U	5.62 U
Aroclor 1221	SW8082A			7.79 U	5.72 U	5.62 U
Aroclor 1232	SW8082A			5.88 U	5.72 U	5.62 U
Aroclor 1242	SW8082A			4.03 J	5.72 U	5.62 U
Aroclor 1248	SW8082A			5.88 U	5.72 U	5.62 U
Aroclor 1254	SW8082A			4.41 J	5.72 U	5.62 U
Aroclor 1260	SW8082A			4.87 J	5.72 U	5.62 U
Aroclor 1262	SW8082A			5.88 U	5.72 U	5.62 U
Aroclor 1268	SW8082A			5.88 U	5.72 U	5.62 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	31.9 JT	5.72 UT	5.62 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				11/9/2020	11/9/2020	11/9/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			1.14 J	5.05 J	5.64 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.7	1.5	1.7
Total Solids	SM2540G			55.2	53.1	56.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.83	5.74	5.15
Cadmium	SW6020B			0.157 J	0.293	0.285
Chromium	SW6020B			28	33.6	31.9
Copper	SW6020B			38.4	49.3	46.8
Lead	SW6020B			12.1	21.7	28.6
Manganese	SW6020B			813	855	704

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
				USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				11/9/2020	11/9/2020	11/9/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Vanadium	SW6020B			90.8 J	103 J	104 J
Zinc	SW6020B			88.6	124	123
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			91.0 U	70.6 U	180 U
1,2-Dichloroethene, cis-	SW8260D			91.0 U	70.6 U	180 U
Benzene	SW8260D			36.4 U	28.2 U	72.1 U
Chlorobenzene	SW8260D		320	91.0 U	70.6 U	180 U
Ethylbenzene	SW8260D			91.0 U	70.6 U	180 U
m,p-Xylene	SW8260D			182 U	141 U	361 U
o-Xylene	SW8260D			91.0 U	70.6 U	180 U
Tetrachloroethene (PCE)	SW8260D			91.0 U	70.6 U	180 U
Toluene	SW8260D			182 U	141 U	361 U
Trichloroethene (TCE)	SW8260D			91.0 U	70.6 U	180 U
Vinyl chloride	SW8260D			91.0 U	70.6 U	180 U
PH-ROD Total BTEX (U = 1/2 max limit)				182 UT	141 UT	361 UT
PH-ROD Total Xylene (U = 1/2 max limit)				182 UT	141 UT	361 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	115	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	34.5	--
Pentachlorophenol	SW8270E			442 U	177 U	433 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	34.4	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	69.6	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	17.3	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	30.8	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			63.7	--	346
2-Methylnaphthalene	SW8270ESIM			--	96.5	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			102	--	811
Acenaphthene	SW8270ESIM			--	142	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			124	--	181
Acenaphthylene	SW8270ESIM			--	71.3 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			139	--	490
Anthracene	SW8270ESIM			--	143	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			418	--	1030
Benzo(a)anthracene	SW8270ESIM			--	438	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			737	--	1370
Benzo(a)pyrene	SW8270ESIM			--	728	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			650	--	1240
Benzo(b)fluoranthene	SW8270ESIM			--	431	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	469	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			563	--	994
Benzo(g,h,i)perylene	SW8270ESIM			--	693	--
Benzo(j)fluoranthene	SW8270ESIM			--	310	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			194 J	--	447 J
Benzo(k)fluoranthene	SW8270ESIM			--	348	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	16.2 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	38.9	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			564	--	1160
Chrysene	SW8270ESIM			--	497	--
Decalin, cis-	SW8270ESIM			--	4.9 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	5.1 J	--
Dibenzo(a,h)anthracene	SW8270E			67.5	--	127
Dibenzo(a,h)anthracene	SW8270ESIM			--	118	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	52	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	50.5	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			995	--	3580
Fluoranthene	SW8270ESIM			--	914	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			92.4	--	660
Fluorene	SW8270ESIM			--	111	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			443	--	833
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	486	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	196	--	737
Naphthalene	SW8270ESIM		140000	--	240	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	433	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			469	--	3230
Phenanthrene	SW8270ESIM			--	554	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			1050	--	3330
Pyrene	SW8270ESIM			--	1020	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				840 JT	1100 T	1690 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	960 JT	985 T	1810 JT
PH-ROD Total HPAH (U = 1/2 max limit)				5700 JT	6000 T	14100 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1190 T	1400 JT	6500 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		6900 JT	7300 JT	21000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	4.9 U	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	20.7	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	4.9 U	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	141	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	78.9	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	631	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	82.6	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	134	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	170	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	309	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	4.9 U	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	18	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	4.9 U	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	84.9	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	109	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	414	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	95.1	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	127	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	153	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	333	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	4.9 U	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	4.9 U	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	4.9 U	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	21.7	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	137	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	341	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	133	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	168	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	115	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	327	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	4.9 U	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	4.9 U	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	101	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	208	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	131	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	4.9 U	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	198	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.52 U	3.64 U	9.73 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.52 U	3.64 U	6.55 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.52 U	3.64 U	3.54 U
4,4'-DDD (p,p'-DDD)	SW8081B			8.48	14.9	30.9
4,4'-DDE (p,p'-DDE)	SW8081B			4.06	6.59	8.42
4,4'-DDT (p,p'-DDT)	SW8081B			3.52 U	3.64 U	3.54 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				11/9/2020	11/9/2020	11/9/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.52 UT	3.64 UT	9.73 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				14.3 T	23.3 T	41.1 T
PH-ROD Sum DDD (U = 1/2 max limit)				10.2 T	16.7 T	35.8 T
PH-ROD Sum DDE (U = 1/2 max limit)				5.82 T	8.41 T	11.7 T
PH-ROD Sum DDT (U = 1/2 max limit)				3.52 UT	3.64 UT	3.54 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	19.6 T	28.8 T	51.0 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			97 U	92 U	89 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			97 UJ	92 UJ	89 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-00-02-201109	USMPDI-014SC-B-02-04-201109	USMPDI-014SC-B-04-06-201109
				11/9/2020	11/9/2020	11/9/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.05 U	7.01 U	6.56 U
Aroclor 1221	SW8082A			7.05 U	7.01 U	6.56 U
Aroclor 1232	SW8082A			7.05 U	7.01 U	6.56 U
Aroclor 1242	SW8082A			7.05 U	7.03 J	14.7 J
Aroclor 1248	SW8082A			7.05 U	7.01 U	6.56 U
Aroclor 1254	SW8082A			7.05 U	14.5 J	116 J
Aroclor 1260	SW8082A			7.05 U	10.4 J	30.8 J
Aroclor 1262	SW8082A			7.05 U	7.01 U	6.56 U
Aroclor 1268	SW8082A			7.05 U	7.01 U	6.56 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	7.05 UT	53.0 JT	181 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	202	--
Motor oil range hydrocarbons	NWTPHDx			--	577	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.86 UJ	3.71 UJ	3.49 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-06-08-201109	USMPDI-014SC-B-08-10-201109	USMPDI-014SC-B-10-12-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			27.7 J	9.04 J	8.50 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.1	2.6	--
Total Solids	SM2540G			60.8	61.4	56.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.44	5.26	5.34
Cadmium	SW6020B			0.316	0.26	0.442
Chromium	SW6020B			29.6	29	31.1
Copper	SW6020B			46.1	43.2	46.3
Lead	SW6020B			31.1	20	28.1
Manganese	SW6020B			977	780	611

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-06-08-201109	USMPDI-014SC-B-08-10-201109	USMPDI-014SC-B-10-12-201109
				11/9/2020	11/9/2020	11/9/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Vanadium	SW6020B			101 J	99.4 J	102 J
Zinc	SW6020B			128	105	138
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			56.1 U	64.0 U	64.1 U
1,2-Dichloroethene, cis-	SW8260D			56.1 U	64.0 U	64.1 U
Benzene	SW8260D			22.4 U	14.0 J	41
Chlorobenzene	SW8260D		320	56.1 U	64.0 U	64.1 U
Ethylbenzene	SW8260D			56.1 U	64.0 U	564
m,p-Xylene	SW8260D			112 U	128 U	128 U
o-Xylene	SW8260D			56.1 U	64.0 U	62.7 J
Tetrachloroethene (PCE)	SW8260D			56.1 U	64.0 U	64.1 U
Toluene	SW8260D			112 U	128 U	128 U
Trichloroethene (TCE)	SW8260D			56.1 U	64.0 U	64.1 U
Vinyl chloride	SW8260D			56.1 U	64.0 U	64.1 U
PH-ROD Total BTEX (U = 1/2 max limit)				112 UT	206 JT	796 JT
PH-ROD Total Xylene (U = 1/2 max limit)				112 UT	128 UT	127 JT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			409 U	1010 U	4270 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-06-08-201109	USMPDI-014SC-B-08-10-201109	USMPDI-014SC-B-10-12-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			1240	10700	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			3430	11100	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			360 U	994 U	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			1490	6340	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			1630	4660	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			1950	6140	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			1640	4770	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-06-08-201109	USMPDI-014SC-B-08-10-201109	USMPDI-014SC-B-10-12-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			1290	3930	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			585 J	1690 J	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			1800	5710	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			152	448	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			6610	21100	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2350	6790	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-06-08-201109	USMPDI-014SC-B-08-10-201109	USMPDI-014SC-B-10-12-201109
				11/9/2020	11/9/2020	11/9/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Indeno(1,2,3-c,d)pyrene	SW8270E			1060	3210	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2160	10400	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			10500	41800	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			7470	25400	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2230 JT	6460 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2500 JT	7870 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				24000 JT	77100 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				21400 T	87600 T	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		46000 JT	165000 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-06-08-201109	USMPDI-014SC-B-08-10-201109	USMPDI-014SC-B-10-12-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-06-08-201109	USMPDI-014SC-B-08-10-201109	USMPDI-014SC-B-10-12-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			39.8	74.7	--
2,4'-DDE (o,p'-DDE)	SW8081B			22.5	40.1	--
2,4'-DDT (o,p'-DDT)	SW8081B			6.30 U	16.2 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			112	184	--
4,4'-DDE (p,p'-DDE)	SW8081B			17.8	28.1	--
4,4'-DDT (p,p'-DDT)	SW8081B			95.5	16.2 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-06-08-201109	USMPDI-014SC-B-08-10-201109	USMPDI-014SC-B-10-12-201109
				11/9/2020	11/9/2020	11/9/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				65.5 T	123 T	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				225 T	220 T	--
PH-ROD Sum DDD (U = 1/2 max limit)				152 T	259 T	--
PH-ROD Sum DDE (U = 1/2 max limit)				40.3 T	68.2 T	--
PH-ROD Sum DDT (U = 1/2 max limit)				98.7 T	16.2 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	291 T	343 T	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			85 U	430 U	440 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			85 UJ	430 UJ	440 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-06-08-201109	USMPDI-014SC-B-08-10-201109	USMPDI-014SC-B-10-12-201109
				USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
				USMPDI-014SC-B-06-08-201109	USMPDI-014SC-B-08-10-201109	USMPDI-014SC-B-10-12-201109
				11/9/2020	11/9/2020	11/9/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.35 U	6.14 U	--
Aroclor 1221	SW8082A			6.35 U	6.14 U	--
Aroclor 1232	SW8082A			6.35 U	7.68 U	--
Aroclor 1242	SW8082A			21.4 J	6.14 U	--
Aroclor 1248	SW8082A			6.35 U	12.7 U	--
Aroclor 1254	SW8082A			63.6 J	6.14 U	--
Aroclor 1260	SW8082A			64.1 J	124	--
Aroclor 1262	SW8082A			6.35 U	6.14 U	--
Aroclor 1268	SW8082A			6.35 U	6.14 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	168 JT	153 T	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.38 UJ	7.7 J	19.6 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Sample ID	Sample Date	Depth	USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				11/9/2020	11/9/2020	11/9/2020
				12 - 14 ft	14 - 16 ft	16 - 17.3 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
	Analytical Method	Site-Wide RAL	PTW Threshold			
Conventional Parameters (unitless)						
Liquid limit	D4318			--	45	--
Plastic limit	D4318			--	36	--
Plasticity index	D4318			--	9	--
Specific gravity	D854			--	2.67	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			1.37 J	0.190 J	0.128 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	47.4	--
Total organic carbon	SM5310BM			--	1.1	0.99
Total Solids	SM2540G			61.3	66.6	67.2
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	26.8	--
Total fines (Reported, not calculated)	D6913			--	73.2	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	100	--
Percent passing 110 micron sieve (#140)	D6913			--	79	--
Percent passing 850 micron sieve (#20)	D6913			--	100	--
Percent passing 425 micron sieve (#40)	D6913			--	100	--
Percent passing 250 micron sieve (#60)	D6913			--	98	--
Percent passing 150 micron sieve (#100)	D6913			--	86	--
Percent passing 75 micron sieve (#200)	D6913			--	73	--
Metals (mg/kg)						
Arsenic	SW6020B			4.82	4.06	5.35
Cadmium	SW6020B			0.33	0.111 J	0.144 J
Chromium	SW6020B			31.6	28.2	30
Copper	SW6020B			41.8	31.7	35.9
Lead	SW6020B			22.6	11.1	16.5
Manganese	SW6020B			646	520	578

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
				USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				11/9/2020	11/9/2020	11/9/2020
				12 - 14 ft	14 - 16 ft	16 - 17.3 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Vanadium	SW6020B			104 J	95.2 J	105 J
Zinc	SW6020B			112	70.6	83
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			72.3 U	50.9 U	48.7 U
1,2-Dichloroethene, cis-	SW8260D			72.3 U	50.9 U	48.7 U
Benzene	SW8260D			28.9 U	20.4 U	19.5 U
Chlorobenzene	SW8260D		320	72.3 U	50.9 U	48.7 U
Ethylbenzene	SW8260D			72.3 U	50.9 U	48.7 U
m,p-Xylene	SW8260D			145 U	102 U	97.4 U
o-Xylene	SW8260D			72.3 U	50.9 U	48.7 U
Tetrachloroethene (PCE)	SW8260D			72.3 U	50.9 U	48.7 U
Toluene	SW8260D			145 U	102 U	97.4 U
Trichloroethene (TCE)	SW8260D			72.3 U	50.9 U	48.7 U
Vinyl chloride	SW8260D			72.3 U	50.9 U	48.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				145 UT	102 UT	97.4 UT
PH-ROD Total Xylene (U = 1/2 max limit)				145 UT	102 UT	97.4 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			1620 U	184 U	148 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/9/2020	11/9/2020	11/9/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			12 - 14 ft	14 - 16 ft	16 - 17.3 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622249.493	7622249.493	7622249.493
2-Methylanthracene	SW8270DMSIM			706885.518	706885.518	706885.518
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM					
2-Methylnaphthalene	SW8270E			--	298	543
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	383	640
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	107	310
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	279	569
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	519	529
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	1120	700
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	807	535
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	946	374
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	246 J	177 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	649	584
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	59.5	51.2
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	2390	1310
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	200	461
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			--	696	319
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	1370	942
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	1750	1910
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	3110	1470
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	1050 JT	712 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	1380 JT	890 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	10500 JT	6000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	4400 T	5400 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	15000 JT	11000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	2.94 U	2.87 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	2.94 U	2.87 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	2.94 U	2.87 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	2.94 U	2.87 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	2.94 U	2.87 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	2.94 U	2.87 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				11/9/2020	11/9/2020	11/9/2020
				12 - 14 ft	14 - 16 ft	16 - 17.3 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	2.94 UT	2.87 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	2.94 UT	2.87 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	2.94 UT	2.87 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	2.94 UT	2.87 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	2.94 UT	2.87 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	2.94 UT	2.87 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			410 U	74 U	73 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			410 UJ	74 UJ	73 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				USMPDI-014SC-B	USMPDI-014SC-B	USMPDI-014SC-B
				USMPDI-014SC-B-12-14-201109	USMPDI-014SC-B-14-16-201109	USMPDI-014SC-B-16-17.3-201109
				11/9/2020	11/9/2020	11/9/2020
				12 - 14 ft	14 - 16 ft	16 - 17.3 ft
				N	N	N
				7622249.493	7622249.493	7622249.493
				706885.518	706885.518	706885.518
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	5.77 U	5.71 U
Aroclor 1221	SW8082A			--	5.77 U	5.71 U
Aroclor 1232	SW8082A			--	5.77 U	5.71 U
Aroclor 1242	SW8082A			--	5.77 U	5.71 U
Aroclor 1248	SW8082A			--	5.77 U	5.71 U
Aroclor 1254	SW8082A			--	5.77 U	5.71 U
Aroclor 1260	SW8082A			--	5.77 U	5.71 U
Aroclor 1262	SW8082A			--	5.77 U	5.71 U
Aroclor 1268	SW8082A			--	5.77 U	5.71 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	5.77 UT	5.71 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			6.41 J	2.95 U	2.9 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-A	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-05-06-201108	USMPDI-018SC-A-06-07-201108	USMPDI-018SC-A-07-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.4	2.2	1.9
Total Solids	SM2540G			60	61.5	62.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-A	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-05-06-201108	USMPDI-018SC-A-06-07-201108	USMPDI-018SC-A-07-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			1120	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			334	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			361	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			1500	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-A	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-05-06-201108	USMPDI-018SC-A-06-07-201108	USMPDI-018SC-A-07-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			649	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			769	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	1170 J	99.9 J
2-Methylnaphthalene	SW8270ESIM			713	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	19300	553
Acenaphthene	SW8270ESIM			5680 J	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	2350 U	130 J
Acenaphthylene	SW8270ESIM			332 J	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	10200	464
Anthracene	SW8270ESIM			2430	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	11700	1390
Benzo(a)anthracene	SW8270ESIM			5780 J	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	19000	2460
Benzo(a)pyrene	SW8270ESIM			7610 J	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	13500	1740
Benzo(b)fluoranthene	SW8270ESIM			3650 J	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-A	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-05-06-201108	USMPDI-018SC-A-06-07-201108	USMPDI-018SC-A-07-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			4290 J	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	11200	1780
Benzo(g,h,i)perylene	SW8270ESIM			6240 J	--	--
Benzo(j)fluoranthene	SW8270ESIM			2790 J	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	4350 J	595 J
Benzo(k)fluoranthene	SW8270ESIM			2410	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			190 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			25.0 U	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	13600	1610
Chrysene	SW8270ESIM			7410 J	--	--
Decalin, cis-	SW8270ESIM			25.0 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			129 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	1180 J	146 J
Dibenzo(a,h)anthracene	SW8270ESIM			959	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			388	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			2250	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	37600	4240
Fluoranthene	SW8270ESIM			21100 J	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	6970	364
Fluorene	SW8270ESIM			3320 J	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-A	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-05-06-201108	USMPDI-018SC-A-06-07-201108	USMPDI-018SC-A-07-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	9470	1340
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			4010 J	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	4530	667
Naphthalene	SW8270ESIM		140000	1950	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			2400	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	49300	2870
Phenanthrene	SW8270ESIM			23700 J	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	46200	4960
Pyrene	SW8270ESIM			24800 J	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				8850 JT	17900 JT	2340 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	9940 JT	24000 JT	3060 JT
PH-ROD Total HPAH (U = 1/2 max limit)				86800 JT	170000 JT	20300 JT
PH-ROD Total LPAH (U = 1/2 max limit)				38100 JT	92600 JT	5100 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		125000 JT	260000 JT	25000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			2640	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			335	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			1410	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			680	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			1640	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			6420	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			1950	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-A	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-05-06-201108	USMPDI-018SC-A-06-07-201108	USMPDI-018SC-A-07-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			915	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			597	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			7070	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			1250	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			922	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			1980	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			210	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			1380	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			1980	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			1800	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			5990	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			370	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			3840	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			485	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			905	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			1140	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			65.5	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-A	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-05-06-201108	USMPDI-018SC-A-06-07-201108	USMPDI-018SC-A-07-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			926	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			854	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			1340	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			5180	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			25.0 U	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			1870	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			134	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			1010	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			397	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			1580	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			2630	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			64.7	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			716	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			43.9 J	28.4 J	6.34 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			27.6	30.7 U	6.34 U
2,4'-DDT (o,p'-DDT)	SW8081B			16.3 UJ	30.7 UJ	6.34 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			124	40.5	6.34 U
4,4'-DDE (p,p'-DDE)	SW8081B			20.6	30.7 U	6.34 U
4,4'-DDT (p,p'-DDT)	SW8081B			191	30.7 U	6.34 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-A	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-05-06-201108	USMPDI-018SC-A-06-07-201108	USMPDI-018SC-A-07-08-201108
				11/8/2020	11/8/2020	11/8/2020
				5 - 6 ft	6 - 7 ft	7 - 8 ft
				N	N	N
				7622422.809	7622422.809	7622422.809
				706824.121	706824.121	706824.121
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				79.7 JT	59.1 JT	6.34 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				336 T	71.2 T	6.34 UT
PH-ROD Sum DDD (U = 1/2 max limit)				168 JT	68.9 JT	6.34 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				48.2 T	30.7 UT	6.34 UT
PH-ROD Sum DDT (U = 1/2 max limit)				199 JT	30.7 UJT	6.34 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	415 JT	130 JT	6.34 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000369 J	0.000107 J	0.0000625 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000447 J	0.000262 J	0.000102 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000680 J	0.000232 J	0.0000727 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00407	0.00211 J	0.000145 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00154 J	0.000821 J	0.000239 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.2	0.149	0.00182 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			2.21	1.18	0.0168
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00602 J	0.00275 J	0.00133 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00873	0.00437 J	0.00136 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.074	0.0322	0.00309 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.492	0.305	0.00455
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0184	0.00199	0.0000945 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0237	0.00338	0.0000682 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0148	0.00255	0.0000967 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0381	0.00493	0.0000576 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0102	0.00146 J	0.0000583 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00156 J	0.000405 J	0.0000706 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0036	0.000949 J	0.0000191 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0445	0.0255	0.000156 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00733	0.00106 J	0.0000256 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0894	0.0274	0.000127 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0573 J	0.0101 J	0.00159 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0875	0.0201	0.000798 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-A	USMPDI-018SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-05-06-201108	USMPDI-018SC-A-06-07-201108	USMPDI-018SC-A-07-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0973	0.0252	0.000377 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.115	0.0522	0.000156
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.043 JT	0.00667 JT	0.000416 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.017 JT	0.00337 JT	0.000286 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.017 JT	0.00464 JT	0.000295 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				2.7 JT	1.40 JT	0.0199 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.56 U	5.99 U	6.25 U
Aroclor 1221	SW8082A			6.56 U	5.99 U	6.25 U
Aroclor 1232	SW8082A			15.4 U	5.99 U	6.25 U
Aroclor 1242	SW8082A			8.36 U	5.99 U	6.25 U
Aroclor 1248	SW8082A			11.8 U	5.99 U	6.25 U
Aroclor 1254	SW8082A			18.5 U	5.99 U	6.25 U
Aroclor 1260	SW8082A			21.2	4.32 J	6.25 U
Aroclor 1262	SW8082A			6.56 U	5.99 U	6.25 U
Aroclor 1268	SW8082A			6.56 U	5.99 U	6.25 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	61.4 T	28.3 JT	6.25 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			838	--	--
Motor oil range hydrocarbons	NWTPHDx			851	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-08-09-201108	USMPDI-018SC-B-00-02-201108	USMPDI-018SC-B-02-04-201108
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	5.95 J	8.28 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.061	1.6	1.8
Total Solids	SM2540G			87	51.2	58.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	4.92	5.08
Cadmium	SW6020B			--	0.214	0.267
Chromium	SW6020B			--	31.6	30
Copper	SW6020B			--	43.7	47.3
Lead	SW6020B			--	14.5	21.4
Manganese	SW6020B			--	706	799

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-08-09-201108	USMPDI-018SC-B-00-02-201108	USMPDI-018SC-B-02-04-201108
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			--	96.8	93.3
Zinc	SW6020B			--	110	118
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	102 U	62.2 U
1,2-Dichloroethene, cis-	SW8260D			--	102 U	62.2 U
Benzene	SW8260D			--	40.8 U	24.9 U
Chlorobenzene	SW8260D		320	--	102 U	62.2 U
Ethylbenzene	SW8260D			--	102 U	62.2 U
m,p-Xylene	SW8260D			--	204 U	124 U
o-Xylene	SW8260D			--	102 U	62.2 U
Tetrachloroethene (PCE)	SW8260D			--	102 U	62.2 U
Toluene	SW8260D			--	204 U	124 U
Trichloroethene (TCE)	SW8260D			--	102 U	62.2 U
Vinyl chloride	SW8260D			--	102 U	62.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	204 UT	124 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	204 UT	124 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	527
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	108
Pentachlorophenol	SW8270E			--	923 U	410 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	101
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	445

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-08-09-201108	USMPDI-018SC-B-00-02-201108	USMPDI-018SC-B-02-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	70.3
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	80.8
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2.80 U	186	--
2-Methylnaphthalene	SW8270ESIM			--	--	215
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			9.42	270	--
Acenaphthene	SW8270ESIM			--	--	537
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.80 U	262	--
Acenaphthylene	SW8270ESIM			--	--	213
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.81	443	--
Anthracene	SW8270ESIM			--	--	705
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			8.26	1460	--
Benzo(a)anthracene	SW8270ESIM			--	--	2580
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			14.8	2610	--
Benzo(a)pyrene	SW8270ESIM			--	--	3440
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			11.2	2110	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	2140
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-08-09-201108	USMPDI-018SC-B-00-02-201108	USMPDI-018SC-B-02-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	2280
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			9.64	1630	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	2940
Benzo(j)fluoranthene	SW8270ESIM			--	--	1500
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.72 J	735 J	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	1320
Benzoaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	36.2
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	151
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			9.77	1640	--
Chrysene	SW8270ESIM			--	--	3250
Decalin, cis-	SW8270ESIM			--	--	21.9 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	21.9 UJ
Dibenzo(a,h)anthracene	SW8270E			2.80 U	218	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	322
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	88.6
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	420
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			24.9	2890	--
Fluoranthene	SW8270ESIM			--	--	7770
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.28 J	232	--
Fluorene	SW8270ESIM			--	--	538
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-08-09-201108	USMPDI-018SC-B-00-02-201108	USMPDI-018SC-B-02-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			7.73	1400	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	1890
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.51 J	467	--
Naphthalene	SW8270ESIM		140000	--	--	703
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	1200
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			22.5	1600	--
Phenanthrene	SW8270ESIM			--	--	5250
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			36.4	2810	--
Pyrene	SW8270ESIM			--	--	9070
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				14.9 JT	2850 JT	5000 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	19.0 JT	3300 JT	4440 T
PH-ROD Total HPAH (U = 1/2 max limit)				128 JT	18000 JT	36000 T
PH-ROD Total LPAH (U = 1/2 max limit)				42.3 JT	3500 T	8160 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		170 JT	21000 JT	44000 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1570
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	28.8
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	229
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	391
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	386
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	3030
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	362

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-08-09-201108	USMPDI-018SC-B-00-02-201108	USMPDI-018SC-B-02-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	260
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	385
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1950
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	746
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	56.9
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	418
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	136
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	444
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1100
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	333
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	333
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	288
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1450
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	351
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	101
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	227
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	38.2
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-08-09-201108	USMPDI-018SC-B-00-02-201108	USMPDI-018SC-B-02-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	340
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	590
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	374
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	551
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	21.9 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	868
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	97.1
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	407
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	202
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	755
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	314
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	46.3
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	375
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.26 U	5.09 UJ	9.09 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			2.26 U	4.72 U	6.73 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.26 U	3.77 UJ	6.73 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			2.26 U	11.3	22.1
4,4'-DDE (p,p'-DDE)	SW8081B			2.26 U	4.15 U	7.07 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.26 U	3.77 U	6.73 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-08-09-201108	USMPDI-018SC-B-00-02-201108	USMPDI-018SC-B-02-04-201108
				11/8/2020	11/8/2020	11/8/2020
				8 - 9 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622422.809	7622422.809	7622422.809
				706824.121	706824.121	706824.121
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.26 UT	5.09 UJT	9.09 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.26 UT	15.3 T	29.0 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.26 UT	13.8 JT	26.6 JT
PH-ROD Sum DDE (U = 1/2 max limit)				2.26 UT	4.72 UT	7.07 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.26 UT	3.77 UJT	6.73 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.26 UT	22.1 JT	40.3 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	95 U	85 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	95 U	85 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000399 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000291 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000402 U	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000709 J	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000977 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00106 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0116	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000208 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000323 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00144	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00274	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000132 U	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000225 U	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000212 U	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000325 J	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000169 U	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000228 U	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000187 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000711 J	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000263 U	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000133 U	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0000132 U	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000250 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-A	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-A-08-09-201108	USMPDI-018SC-B-00-02-201108	USMPDI-018SC-B-02-04-201108
				11/8/2020	11/8/2020	11/8/2020
				8 - 9 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622422.809	7622422.809	7622422.809
				706824.121	706824.121	706824.121
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000058	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000142	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0000935 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0000816 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0000986 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0131 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.46 U	7.75 U	6.82 U
Aroclor 1221	SW8082A			4.46 U	7.75 U	6.82 U
Aroclor 1232	SW8082A			4.46 U	7.75 U	6.82 U
Aroclor 1242	SW8082A			4.46 U	5.31 J	5.15 J
Aroclor 1248	SW8082A			4.46 U	7.75 U	6.82 U
Aroclor 1254	SW8082A			4.46 U	6.70 J	11.2
Aroclor 1260	SW8082A			4.46 U	4.54 J	6.64 J
Aroclor 1262	SW8082A			4.46 U	7.75 U	6.82 U
Aroclor 1268	SW8082A			4.46 U	7.75 U	6.82 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.46 UT	39.8 JT	43.5 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	405
Motor oil range hydrocarbons	NWTPHDx			--	--	736
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	3.78 UJ	3.48 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-04-06-201108	USMPDI-018SC-B-06-08-201108	USMPDI-018SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	70	--
Plastic limit	D4318			--	41	--
Plasticity index	D4318			--	29	--
Specific gravity	D854			--	2.58	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			14.4 J	1.54 J	0.0826 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	69.3	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			54.9	59.7	85
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	11.1	--
Total fines (Reported, not calculated)	D6913			--	88.9	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	100	--
Percent passing 110 micron sieve (#140)	D6913			--	91	--
Percent passing 850 micron sieve (#20)	D6913			--	99	--
Percent passing 425 micron sieve (#40)	D6913			--	99	--
Percent passing 250 micron sieve (#60)	D6913			--	97	--
Percent passing 150 micron sieve (#100)	D6913			--	94	--
Percent passing 75 micron sieve (#200)	D6913			--	89	--
Metals (mg/kg)						
Arsenic	SW6020B			6.92	5.59	2.85
Cadmium	SW6020B			0.425	0.267	0.114 U
Chromium	SW6020B			37.2	32.4	16
Copper	SW6020B			54.6	42.2	18.4
Lead	SW6020B			35.1	24	3.27
Manganese	SW6020B			636	611	338

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-04-06-201108	USMPDI-018SC-B-06-08-201108	USMPDI-018SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			123	107	66.9
Zinc	SW6020B			147	105	50.5
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			74.1 U	53.4 U	35.0 U
1,2-Dichloroethene, cis-	SW8260D			74.1 U	53.4 U	35.0 U
Benzene	SW8260D			29.7 U	21.3 U	14.0 U
Chlorobenzene	SW8260D		320	74.1 U	53.4 U	35.0 U
Ethylbenzene	SW8260D			74.1 U	53.4 U	35.0 U
m,p-Xylene	SW8260D			148 U	107 U	70.0 U
o-Xylene	SW8260D			74.1 U	53.4 U	35.0 U
Tetrachloroethene (PCE)	SW8260D			74.1 U	53.4 U	35.0 U
Toluene	SW8260D			148 U	107 U	70.0 U
Trichloroethene (TCE)	SW8260D			74.1 U	53.4 U	35.0 U
Vinyl chloride	SW8260D			74.1 U	53.4 U	35.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				148 UT	107 UT	70.0 UT
PH-ROD Total Xylene (U = 1/2 max limit)				148 UT	107 UT	70.0 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			444 U	400 U	28.3 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-04-06-201108	USMPDI-018SC-B-06-08-201108	USMPDI-018SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-04-06-201108	USMPDI-018SC-B-06-08-201108	USMPDI-018SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-04-06-201108	USMPDI-018SC-B-06-08-201108	USMPDI-018SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-04-06-201108	USMPDI-018SC-B-06-08-201108	USMPDI-018SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/8/2020	11/8/2020	11/8/2020
C1-Naphthalenes	SW8270ESIM			4 - 6 ft	6 - 8 ft	8 - 10 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622422.809	7622422.809	7622422.809
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706824.121	706824.121	706824.121
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-04-06-201108	USMPDI-018SC-B-06-08-201108	USMPDI-018SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-04-06-201108	USMPDI-018SC-B-06-08-201108	USMPDI-018SC-B-08-10-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622422.809	7622422.809	7622422.809
				706824.121	706824.121	706824.121
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			89 U	81 U	57 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			89 U	81 U	57 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-04-06-201108	USMPDI-018SC-B-06-08-201108	USMPDI-018SC-B-08-10-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	--
Aroclor 1221	SW8082A			--	--	--
Aroclor 1232	SW8082A			--	--	--
Aroclor 1242	SW8082A			--	--	--
Aroclor 1248	SW8082A			--	--	--
Aroclor 1254	SW8082A			--	--	--
Aroclor 1260	SW8082A			--	--	--
Aroclor 1262	SW8082A			--	--	--
Aroclor 1268	SW8082A			--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			6.03 J	3.79 J	2.26 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-10-12-201108	USMPDI-018SC-B-12-14-201108	USMPDI-018SC-B-14-16-201108
				USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.124 UJT	-- R	0.130 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.051 T	0.066	0.2
Total Solids	SM2540G			78.9 T	88	75.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.08 T	3.57	3.51
Cadmium	SW6020B			0.125 UT	0.0611 J	0.0749 J
Chromium	SW6020B			16.0 T	18.1	16.5
Copper	SW6020B			17.2 T	19.1	19.4
Lead	SW6020B			2.87 T	3.21	3.29
Manganese	SW6020B			286 T	341	400

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-10-12-201108	USMPDI-018SC-B-12-14-201108	USMPDI-018SC-B-14-16-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			70.0 T	75.9	73
Zinc	SW6020B			48.2 T	53	51.6
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			37.1 UT	35.8 U	38.7 U
1,2-Dichloroethene, cis-	SW8260D			37.1 UT	35.8 U	38.7 U
Benzene	SW8260D			14.8 UT	14.3 U	15.5 U
Chlorobenzene	SW8260D		320	37.1 UT	35.8 U	38.7 U
Ethylbenzene	SW8260D			37.1 UT	35.8 U	38.7 U
m,p-Xylene	SW8260D			74.1 UT	71.6 U	58.2 J
o-Xylene	SW8260D			37.1 UT	35.8 U	38.7 U
Tetrachloroethene (PCE)	SW8260D			37.1 UT	35.8 U	38.7 U
Toluene	SW8260D			74.1 UT	71.6 U	77.3 U
Trichloroethene (TCE)	SW8260D			37.1 UT	35.8 U	38.7 U
Vinyl chloride	SW8260D			37.1 UT	35.8 U	38.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				74.1 UT	71.6 UT	143 JT
PH-ROD Total Xylene (U = 1/2 max limit)				74.1 UT	71.6 UT	77.6 JT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			30.0 UT	27.1 U	32.3 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-10-12-201108	USMPDI-018SC-B-12-14-201108	USMPDI-018SC-B-14-16-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			10.5 T	2.71 U	3.23 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			6.83 T	4.82	3.23 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.00 UT	2.71 U	3.23 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			4.52 JT	2.71 U	3.23 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			4.63 JT	2.71 U	3.23 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			6.87 T	2.71 U	3.23 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			4.88 T	2.71 U	3.23 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-10-12-201108	USMPDI-018SC-B-12-14-201108	USMPDI-018SC-B-14-16-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			4.27 JT	2.71 U	3.23 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.37 JT	2.71 U	3.23 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			6.62 T	2.71 U	3.23 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3.00 UT	2.71 U	3.23 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			11.7 T	2.71 U	3.23 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3.49 JT	2.71 U	3.23 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-10-12-201108	USMPDI-018SC-B-12-14-201108	USMPDI-018SC-B-14-16-201108
				11/8/2020	11/8/2020	11/8/2020
				10 - 12 ft	12 - 14 ft	14 - 16 ft
				N	N	N
				7622422.809	7622422.809	7622422.809
				706824.121	706824.121	706824.121
Indeno(1,2,3-c,d)pyrene	SW8270E			3.48 JT	2.71 U	3.23 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.75 JT	2.71 U	3.23 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			22.8 T	2.71 U	2.22 J
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			19.5 T	2.71 U	1.68 J
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				7.25 JT	2.71 UT	3.23 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	9.70 JT	2.71 UT	3.23 UT
PH-ROD Total HPAH (U = 1/2 max limit)				65.8 JT	2.71 UT	16.2 JT
PH-ROD Total LPAH (U = 1/2 max limit)				52.4 JT	13.0 T	11.9 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		118 JT	26.5 T	28.1 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-10-12-201108	USMPDI-018SC-B-12-14-201108	USMPDI-018SC-B-14-16-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/8/2020	11/8/2020	11/8/2020
C1-Naphthalenes	SW8270ESIM			10 - 12 ft	12 - 14 ft	14 - 16 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622422.809	7622422.809	7622422.809
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706824.121	706824.121	706824.121
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-10-12-201108	USMPDI-018SC-B-12-14-201108	USMPDI-018SC-B-14-16-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.45 UT	2.20 U	2.53 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.45 UT	2.20 U	2.53 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.45 UT	2.20 U	2.53 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.45 UT	2.20 U	2.53 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.45 UT	2.20 U	2.53 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.45 UT	2.20 U	2.53 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-10-12-201108	USMPDI-018SC-B-12-14-201108	USMPDI-018SC-B-14-16-201108
				11/8/2020	11/8/2020	11/8/2020
				10 - 12 ft	12 - 14 ft	14 - 16 ft
				N	N	N
				7622422.809	7622422.809	7622422.809
				706824.121	706824.121	706824.121
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.45 UT	2.20 UT	2.53 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.45 UT	2.20 UT	2.53 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.45 UT	2.20 UT	2.53 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.45 UT	2.20 UT	2.53 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.45 UT	2.20 UT	2.53 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.45 UT	2.20 UT	2.53 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			63 UT	57 U	67 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			63 UT	57 U	67 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-10-12-201108	USMPDI-018SC-B-12-14-201108	USMPDI-018SC-B-14-16-201108
				USMPDI-018SC-B	USMPDI-018SC-B	USMPDI-018SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.83 UT	4.23 U	5.05 U
Aroclor 1221	SW8082A			4.83 UT	4.23 U	5.05 U
Aroclor 1232	SW8082A			4.83 UT	4.23 U	5.05 U
Aroclor 1242	SW8082A			4.83 UT	4.23 U	5.05 U
Aroclor 1248	SW8082A			4.83 UT	4.23 U	5.05 U
Aroclor 1254	SW8082A			4.83 UT	4.23 U	5.05 U
Aroclor 1260	SW8082A			4.83 UT	4.23 U	5.05 U
Aroclor 1262	SW8082A			4.83 UT	4.23 U	5.05 U
Aroclor 1268	SW8082A			4.83 UT	4.23 U	5.05 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.83 UT	4.23 UT	5.05 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.5 UT	2.26 UJ	2.67 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-021SC-A	USMPDI-021SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-16-18-201108	USMPDI-021SC-A-01-02-201107	USMPDI-021SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.144 UJ	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.16	1.1	0.16
Total Solids	SM2540G			67.9	65.8	75.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.39	--	--
Cadmium	SW6020B			0.0942 J	--	--
Chromium	SW6020B			26.6	--	--
Copper	SW6020B			27.3	--	--
Lead	SW6020B			4.63	--	--
Manganese	SW6020B			3930	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-021SC-A	USMPDI-021SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-16-18-201108	USMPDI-021SC-A-01-02-201107	USMPDI-021SC-A-02-03-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			101	--	--
Zinc	SW6020B			61.3	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			50.6 U	--	--
1,2-Dichloroethene, cis-	SW8260D			50.6 U	--	--
Benzene	SW8260D			20.2 U	--	--
Chlorobenzene	SW8260D		320	50.6 U	--	--
Ethylbenzene	SW8260D			50.6 U	--	--
m,p-Xylene	SW8260D			101 U	--	--
o-Xylene	SW8260D			50.6 U	--	--
Tetrachloroethene (PCE)	SW8260D			50.6 U	--	--
Toluene	SW8260D			101 U	--	--
Trichloroethene (TCE)	SW8260D			50.6 U	--	--
Vinyl chloride	SW8260D			50.6 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				101 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				101 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			36.1 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-021SC-A	USMPDI-021SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-16-18-201108	USMPDI-021SC-A-01-02-201107	USMPDI-021SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/8/2020	11/7/2020	11/7/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			16 - 18 ft	1 - 2 ft	2 - 3 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622422.809	7622537.242	7622537.242
2-Methylanthracene	SW8270DMSIM			706824.121	706825.801	706825.801
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM					
2-Methylnaphthalene	SW8270E			3.61 U	300	90.5
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			3.61 U	2140	294
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.61 U	348	48.4 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3.61 U	757	109
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3.61 U	2220	348
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			3.61 U	3630	619
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			3.61 U	2770	455
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-021SC-A	USMPDI-021SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-16-18-201108	USMPDI-021SC-A-01-02-201107	USMPDI-021SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			3.61 U	2570	416
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.61 U	966 J	148 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			3.61 U	2710	419
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3.61 U	238	41.3
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			3.61 U	7540	1050
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3.61 U	1110	179
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-021SC-A	USMPDI-021SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-16-18-201108	USMPDI-021SC-A-01-02-201107	USMPDI-021SC-A-02-03-201107
				11/8/2020	11/7/2020	11/7/2020
				16 - 18 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622422.809	7622537.242	7622537.242
				706824.121	706825.801	706825.801
Indeno(1,2,3-c,d)pyrene	SW8270E			3.61 U	2020	339
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	3.61 U	1260	403
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			3.61 U	7180	1200
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			3.61 U	8500	1070
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.61 UT	3740 JT	603 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3.61 UT	4580 JT	776 JT
PH-ROD Total HPAH (U = 1/2 max limit)				3.61 UT	33000 JT	4910 JT
PH-ROD Total LPAH (U = 1/2 max limit)				3.61 UT	13000 T	2300 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		3.61 UT	46000 JT	7200 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-021SC-A	USMPDI-021SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-16-18-201108	USMPDI-021SC-A-01-02-201107	USMPDI-021SC-A-02-03-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-021SC-A	USMPDI-021SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-16-18-201108	USMPDI-021SC-A-01-02-201107	USMPDI-021SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			11/8/2020	11/7/2020	11/7/2020
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			16 - 18 ft	1 - 2 ft	2 - 3 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622422.809	7622537.242	7622537.242
C3-Fluorenes	SW8270ESIM			706824.121	706825.801	706825.801
C3-Naphthalenes	SW8270DMSIM					
C3-Naphthalenes	SW8270ESIM					
C3-Naphthobenzothiophenes	SW8270DMSIM					
C3-Naphthobenzothiophenes	SW8270ESIM					
C3-Phenanthrenes/Anthracenes	SW8270DMSIM					
C3-Phenanthrenes/Anthracenes	SW8270ESIM					
C4-Benzanthracenes/Chrysenes	SW8270ESIM					
C4-Benzo(b)thiophene	SW8270DMSIM					
C4-Chrysenes	SW8270DMSIM					
C4-Decalins	SW8270DMSIM					
C4-Decalins	SW8270ESIM					
C4-Dibenzothiophenes	SW8270DMSIM					
C4-Dibenzothiophenes	SW8270ESIM					
C4-Fluoranthenes/Pyrenes	SW8270DMSIM					
C4-Fluoranthenes/Pyrenes	SW8270ESIM					
C4-Naphthalenes	SW8270DMSIM					
C4-Naphthalenes	SW8270ESIM					
C4-Naphthobenzothiophenes	SW8270DMSIM					
C4-Naphthobenzothiophenes	SW8270ESIM					
C4-Phenanthrenes/Anthracenes	SW8270DMSIM					
C4-Phenanthrenes/Anthracenes	SW8270ESIM					
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.90 U	10.1 UJ	2.40 J
2,4'-DDE (o,p'-DDE)	SW8081B			2.90 U	7.13 U	2.61 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.90 U	5.94 UJ	2.61 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			2.90 U	13.8	3.92
4,4'-DDE (p,p'-DDE)	SW8081B			2.90 U	6.53 U	2.61 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.90 U	5.94 U	2.61 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-021SC-A	USMPDI-021SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-16-18-201108	USMPDI-021SC-A-01-02-201107	USMPDI-021SC-A-02-03-201107
				11/8/2020	11/7/2020	11/7/2020
				16 - 18 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622422.809	7622537.242	7622537.242
				706824.121	706825.801	706825.801
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.90 UT	10.1 UJT	5.01 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.90 UT	20.0 T	6.53 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.90 UT	18.9 JT	6.32 JT
PH-ROD Sum DDE (U = 1/2 max limit)				2.90 UT	7.13 UT	2.61 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.90 UT	5.94 UJT	2.61 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.90 UT	31.6 JT	11.5 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			73 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			73 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000189 J	0.0000627 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000335 J	0.0000423 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000357 J	0.000325 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00261	0.0000748 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000945 J	0.000220 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0631	0.0097
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.879	0.125
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00205 J	0.000697 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00350 J	0.000831 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0239	0.00434
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.146	0.0228
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0109	0.00117
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0139	0.0321
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00822	0.0111
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0199	0.102
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00489	0.0211
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000690 J	0.00517
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00161 J	0.00489
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0166	0.0147
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00388	0.00537
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0331	0.00809
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0333 J	0.00391 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0431	0.0704

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-018SC-B	USMPDI-021SC-A	USMPDI-021SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-018SC-B-16-18-201108	USMPDI-021SC-A-01-02-201107	USMPDI-021SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.044	0.158
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0412	0.0295
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0242 JT	0.0291 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00916 JT	0.0210 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00871 JT	0.0182 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	1.06 JT	0.341 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.75 U	5.84 U	5.16 U
Aroclor 1221	SW8082A			5.75 U	12.6 U	5.16 U
Aroclor 1232	SW8082A			5.75 U	5.84 U	5.16 U
Aroclor 1242	SW8082A			5.75 U	7.20 J	5.16 U
Aroclor 1248	SW8082A			5.75 U	5.84 U	5.16 U
Aroclor 1254	SW8082A			5.75 U	12.7 J	5.16 U
Aroclor 1260	SW8082A			5.75 U	9.53 J	5.16 U
Aroclor 1262	SW8082A			5.75 U	5.84 U	5.16 U
Aroclor 1268	SW8082A			5.75 U	5.84 U	5.16 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.75 UT	50.3 JT	5.16 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.94 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-A	USMPDI-021SC-A	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-A-03-04-201107	USMPDI-021SC-A-04-05-201107	USMPDI-021SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	5.29 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.3	0.058	--
Total Solids	SM2540G			71	87.9	62.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	3.95
Cadmium	SW6020B			--	--	0.219
Chromium	SW6020B			--	--	23.5
Copper	SW6020B			--	--	34.1
Lead	SW6020B			--	--	19.9
Manganese	SW6020B			--	--	511

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-A	USMPDI-021SC-A	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-A-03-04-201107	USMPDI-021SC-A-04-05-201107	USMPDI-021SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Vanadium	SW6020B			--	--	72.8
Zinc	SW6020B			--	--	92.8
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	57.7 U
1,2-Dichloroethene, cis-	SW8260D			--	--	57.7 U
Benzene	SW8260D			--	--	23.1 U
Chlorobenzene	SW8260D		320	--	--	57.7 U
Ethylbenzene	SW8260D			--	--	57.7 U
m,p-Xylene	SW8260D			--	--	115 U
o-Xylene	SW8260D			--	--	57.7 U
Tetrachloroethene (PCE)	SW8260D			--	--	57.7 U
Toluene	SW8260D			--	--	115 U
Trichloroethene (TCE)	SW8260D			--	--	57.7 U
Vinyl chloride	SW8260D			--	--	57.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	115 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	115 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	774 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-A	USMPDI-021SC-A	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-A-03-04-201107	USMPDI-021SC-A-04-05-201107	USMPDI-021SC-B-00-02-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			96.3	1.73 J	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			779	18.6	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			110 U	2.62 U	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			261	3.8	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			739	14.9	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			1060	23.3	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			788	17.8	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-A	USMPDI-021SC-A	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-A-03-04-201107	USMPDI-021SC-A-04-05-201107	USMPDI-021SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			680	16	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			276 J	5.97 J	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			865	18.1	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			69.9	1.63 J	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			2650	54.4	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			541	9.5	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-A	USMPDI-021SC-A	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-A-03-04-201107	USMPDI-021SC-A-04-05-201107	USMPDI-021SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Indeno(1,2,3-c,d)pyrene	SW8270E			548	13	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	221	3.62	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			3550	79.4	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2760	60.7	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1060 JT	23.8 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1340 JT	29.6 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				10000 JT	226 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				5500 T	118 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		16000 JT	344 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-A	USMPDI-021SC-A	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-A-03-04-201107	USMPDI-021SC-A-04-05-201107	USMPDI-021SC-B-00-02-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-A	USMPDI-021SC-A	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-A-03-04-201107	USMPDI-021SC-A-04-05-201107	USMPDI-021SC-B-00-02-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			9.91 J	2.16 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			6.39	2.16 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			2.69 UJ	2.16 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			27.6	2.16 U	--
4,4'-DDE (p,p'-DDE)	SW8081B			5.56	2.16 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			2.69 U	2.16 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-A	USMPDI-021SC-A	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-A-03-04-201107	USMPDI-021SC-A-04-05-201107	USMPDI-021SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				17.6 JT	2.16 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				34.5 T	2.16 UT	--
PH-ROD Sum DDD (U = 1/2 max limit)				37.5 JT	2.16 UT	--
PH-ROD Sum DDE (U = 1/2 max limit)				12.0 T	2.16 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				2.69 UJT	2.16 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	52.2 JT	2.16 UT	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	80 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	80 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000595 J	0.0000201 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000616 J	0.0000304 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000190 J	0.0000454 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00128 J	0.0000464 U	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000812 J	0.0000451 U	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0418	0.00120 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.573	0.0142	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00501 J	0.00014	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00498 J	0.000174 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0146	0.000989	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0956	0.00302	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00611	0.0000979 J	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0108	0.000121 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00713	0.0000687 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0155	0.000166 J	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00383	0.0000555 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000443 J	0.0000400 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00154 J	0.0000354 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.018	0.000258 J	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00265	0.0000407 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0357	0.000432 J	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0200 J	0.000273	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0385	0.000370 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-A	USMPDI-021SC-A	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-A-03-04-201107	USMPDI-021SC-A-04-05-201107	USMPDI-021SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0367	0.000521 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0449	0.000560 J	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0181 JT	0.000239 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00818 JT	0.000114 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00745 JT	0.000111 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.720 JT	0.0168 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.53 U	4.33 U	--
Aroclor 1221	SW8082A			5.53 U	4.33 U	--
Aroclor 1232	SW8082A			5.53 U	4.33 U	--
Aroclor 1242	SW8082A			5.53 U	4.33 U	--
Aroclor 1248	SW8082A			5.53 U	4.33 U	--
Aroclor 1254	SW8082A			5.53 U	4.33 U	--
Aroclor 1260	SW8082A			8.01	4.33 U	--
Aroclor 1262	SW8082A			5.53 U	4.33 U	--
Aroclor 1268	SW8082A			5.53 U	4.33 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	30.1 T	4.33 UT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	3.21 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-02-04-201107	USMPDI-021SC-B-04-06-201107	USMPDI-021SC-B-06-08-201107
				USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
				USMPDI-021SC-B-02-04-201107	USMPDI-021SC-B-04-06-201107	USMPDI-021SC-B-06-08-201107
				11/7/2020	11/7/2020	11/7/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			1.22 J	0.141 J	-- R
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	0.12
Total Solids	SM2540G			77.2	86.8	73.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.14	3.37	3.47
Cadmium	SW6020B			0.0775 J	0.117 U	0.132 U
Chromium	SW6020B			16.5	15.3	15.7
Copper	SW6020B			19.5	17.6	19.1
Lead	SW6020B			10.9	3.18	3.39
Manganese	SW6020B			290	286	242

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-02-04-201107	USMPDI-021SC-B-04-06-201107	USMPDI-021SC-B-06-08-201107
				11/7/2020	11/7/2020	11/7/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Vanadium	SW6020B			65.7	66.2	66.1
Zinc	SW6020B			56.1	48.8	48.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			35.1 U	36.4 U	75.9 U
1,2-Dichloroethene, cis-	SW8260D			35.1 U	36.4 U	75.9 U
Benzene	SW8260D			14.0 U	14.6 U	30.4 U
Chlorobenzene	SW8260D		320	35.1 U	36.4 U	75.9 U
Ethylbenzene	SW8260D			35.1 U	36.4 U	75.9 U
m,p-Xylene	SW8260D			70.2 U	72.8 U	152 U
o-Xylene	SW8260D			35.1 U	36.4 U	75.9 U
Tetrachloroethene (PCE)	SW8260D			35.1 U	36.4 U	75.9 U
Toluene	SW8260D			70.2 U	72.8 U	152 U
Trichloroethene (TCE)	SW8260D			35.1 U	36.4 U	75.9 U
Vinyl chloride	SW8260D			35.1 U	36.4 U	75.9 U
PH-ROD Total BTEX (U = 1/2 max limit)				70.2 UT	72.8 UT	152 UT
PH-ROD Total Xylene (U = 1/2 max limit)				70.2 UT	72.8 UT	152 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			127 U	28.2 U	31.9 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-02-04-201107	USMPDI-021SC-B-04-06-201107	USMPDI-021SC-B-06-08-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	3.19 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	5.59
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	3.19 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	3.19 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	3.19 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	2.62 J
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	1.81 J
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-02-04-201107	USMPDI-021SC-B-04-06-201107	USMPDI-021SC-B-06-08-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	1.97 J
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	3.19 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	1.90 J
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	3.19 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	5.18
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	3.19 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-02-04-201107	USMPDI-021SC-B-04-06-201107	USMPDI-021SC-B-06-08-201107
				Sample ID	Sample Date	Depth
				11/7/2020	11/7/2020	2 - 4 ft
				Sample Type	Sample Type	Sample Type
				N	N	N
				Easting	Easting	Easting
				7622537.242	7622537.242	7622537.242
				Northing	Northing	Northing
				706825.801	706825.801	706825.801
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	3.19 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	3.19 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	6.6
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	5.59
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	3.41 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	4.73 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	25.5 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	20.2 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	45.6 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-02-04-201107	USMPDI-021SC-B-04-06-201107	USMPDI-021SC-B-06-08-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/7/2020	11/7/2020	11/7/2020
C1-Naphthalenes	SW8270ESIM			2 - 4 ft	4 - 6 ft	6 - 8 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622537.242	7622537.242	7622537.242
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706825.801	706825.801	706825.801
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-02-04-201107	USMPDI-021SC-B-04-06-201107	USMPDI-021SC-B-06-08-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	2.65 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	2.65 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	2.65 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	2.65 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	2.65 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	2.65 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-02-04-201107	USMPDI-021SC-B-04-06-201107	USMPDI-021SC-B-06-08-201107
				11/7/2020	11/7/2020	11/7/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	2.65 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	2.65 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	2.65 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	2.65 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	2.65 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	2.65 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			65 U	58 U	67 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			65 U	58 U	67 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-02-04-201107	USMPDI-021SC-B-04-06-201107	USMPDI-021SC-B-06-08-201107
				11/7/2020	11/7/2020	11/7/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	5.43 U
Aroclor 1221	SW8082A			--	--	5.43 U
Aroclor 1232	SW8082A			--	--	5.43 U
Aroclor 1242	SW8082A			--	--	5.43 U
Aroclor 1248	SW8082A			--	--	5.43 U
Aroclor 1254	SW8082A			--	--	5.43 U
Aroclor 1260	SW8082A			--	--	5.43 U
Aroclor 1262	SW8082A			--	--	5.43 U
Aroclor 1268	SW8082A			--	--	5.43 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	5.43 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.65 UJ	2.31 UJ	2.75 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-08-10-201107	USMPDI-021SC-B-10-12-201107	USMPDI-021SC-B-12-14-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			NP	--	--
Plastic limit	D4318			NP	--	--
Plasticity index	D4318			NP	--	--
Specific gravity	D854			2.74	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			-- R	-- R	-- R
Conventional Parameters (pct)						
Moisture (water) content	D2216			14.2	--	--
Total organic carbon	SM5310BM			0.035	0.048	0.051
Total Solids	SM2540G			89.6	79.9	75.4
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			90.4	--	--
Total fines (Reported, not calculated)	D6913			9.6	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			11	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--
Percent passing 425 micron sieve (#40)	D6913			99	--	--
Percent passing 250 micron sieve (#60)	D6913			67	--	--
Percent passing 150 micron sieve (#100)	D6913			16	--	--
Percent passing 75 micron sieve (#200)	D6913			9.6	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.97	2.9	3.06
Cadmium	SW6020B			0.115 U	0.128 U	0.132 U
Chromium	SW6020B			16.4	15.2	15.7
Copper	SW6020B			16.1	22.8	18.1
Lead	SW6020B			2.72	2.59	2.81
Manganese	SW6020B			243	252	318

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-08-10-201107	USMPDI-021SC-B-10-12-201107	USMPDI-021SC-B-12-14-201107
				11/7/2020	11/7/2020	11/7/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Vanadium	SW6020B			72.4	66.8	68.5
Zinc	SW6020B			45.6	46.8	48.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			31.3 U	32.3 U	38.9 U
1,2-Dichloroethene, cis-	SW8260D			31.3 U	32.3 U	38.9 U
Benzene	SW8260D			12.5 U	12.9 U	15.6 U
Chlorobenzene	SW8260D		320	31.3 U	32.3 U	38.9 U
Ethylbenzene	SW8260D			31.3 U	32.3 U	38.9 U
m,p-Xylene	SW8260D			62.7 U	64.5 U	77.8 U
o-Xylene	SW8260D			31.3 U	32.3 U	38.9 U
Tetrachloroethene (PCE)	SW8260D			31.3 U	32.3 U	38.9 U
Toluene	SW8260D			62.7 U	64.5 U	77.8 U
Trichloroethene (TCE)	SW8260D			31.3 U	32.3 U	38.9 U
Vinyl chloride	SW8260D			31.3 U	32.3 U	38.9 U
PH-ROD Total BTEX (U = 1/2 max limit)				62.7 UT	64.5 UT	77.8 UT
PH-ROD Total Xylene (U = 1/2 max limit)				62.7 UT	64.5 UT	77.8 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			27.5 U	30.5 U	31.2 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-08-10-201107	USMPDI-021SC-B-10-12-201107	USMPDI-021SC-B-12-14-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2.75 U	76.2	3.12 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2.75 U	38.8	3.12 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.75 U	3.05 U	3.12 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.75 U	3.05 U	3.12 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2.75 U	3.05 U	3.12 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			2.75 U	3.05 U	3.12 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.75 U	3.05 U	3.12 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-08-10-201107	USMPDI-021SC-B-10-12-201107	USMPDI-021SC-B-12-14-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.75 U	3.05 U	3.12 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.75 U	3.05 U	3.12 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2.75 U	4.3	2.03 J
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			2.75 U	3.05 U	3.12 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			2.75 U	43.9	6.04
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.75 U	48.1	3.12 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-08-10-201107	USMPDI-021SC-B-10-12-201107	USMPDI-021SC-B-12-14-201107
				11/7/2020	11/7/2020	11/7/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Indeno(1,2,3-c,d)pyrene	SW8270E			2.75 U	3.05 U	3.12 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.75 U	224	3.12 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			1.63 J	164	8.7
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2.75 U	21.1	6.86
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.75 UT	3.05 UT	3.12 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.75 UT	3.53 T	3.61 JT
PH-ROD Total HPAH (U = 1/2 max limit)				2.75 UT	80.0 T	25.9 JT
PH-ROD Total LPAH (U = 1/2 max limit)				9.88 JT	554 T	18.1 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		23.6 JT	634 T	43.9 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-08-10-201107	USMPDI-021SC-B-10-12-201107	USMPDI-021SC-B-12-14-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/7/2020	11/7/2020	11/7/2020
C1-Naphthalenes	SW8270ESIM			8 - 10 ft	10 - 12 ft	12 - 14 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622537.242	7622537.242	7622537.242
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706825.801	706825.801	706825.801
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-08-10-201107	USMPDI-021SC-B-10-12-201107	USMPDI-021SC-B-12-14-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.20 U	2.36 U	2.58 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.20 U	2.36 U	2.58 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.20 UJ	2.36 UJ	2.58 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			2.20 U	2.36 U	2.58 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.20 U	2.36 U	2.58 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.20 U	2.36 U	2.58 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-08-10-201107	USMPDI-021SC-B-10-12-201107	USMPDI-021SC-B-12-14-201107
				11/7/2020	11/7/2020	11/7/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.20 UJT	2.36 UJT	2.58 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.20 UT	2.36 UT	2.58 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.20 UT	2.36 UT	2.58 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.20 UT	2.36 UT	2.58 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.20 UJT	2.36 UJT	2.58 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.20 UJT	2.36 UJT	2.58 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			56 U	64 U	66 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			56 U	64 U	66 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-08-10-201107	USMPDI-021SC-B-10-12-201107	USMPDI-021SC-B-12-14-201107
				USMPDI-021SC-B	USMPDI-021SC-B	USMPDI-021SC-B
				USMPDI-021SC-B-08-10-201107	USMPDI-021SC-B-10-12-201107	USMPDI-021SC-B-12-14-201107
				11/7/2020	11/7/2020	11/7/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622537.242	7622537.242	7622537.242
				706825.801	706825.801	706825.801
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.34 U	4.92 U	5.26 U
Aroclor 1221	SW8082A			4.34 U	4.92 U	5.26 U
Aroclor 1232	SW8082A			4.34 U	4.92 U	5.26 U
Aroclor 1242	SW8082A			4.34 U	4.92 U	5.26 U
Aroclor 1248	SW8082A			4.34 U	4.92 U	5.26 U
Aroclor 1254	SW8082A			4.34 U	4.92 U	5.26 U
Aroclor 1260	SW8082A			4.34 U	4.92 U	5.26 U
Aroclor 1262	SW8082A			4.34 U	4.92 U	5.26 U
Aroclor 1268	SW8082A			4.34 U	4.92 U	5.26 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.34 UT	4.92 UT	5.26 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.24 UJ	2.56 UJ	2.6 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-022SC-A	USMPDI-022SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-14-15.4-201107	USMPDI-022SC-A-02-03-201108	USMPDI-022SC-A-03-04-201108
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			-- R	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.034	1.8	1.3
Total Solids	SM2540G			72.3	54.8	68.6
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.02	--	--
Cadmium	SW6020B			0.135 U	--	--
Chromium	SW6020B			14.9	--	--
Copper	SW6020B			17.7	--	--
Lead	SW6020B			2.78	--	--
Manganese	SW6020B			250	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-022SC-A	USMPDI-022SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-14-15.4-201107	USMPDI-022SC-A-02-03-201108	USMPDI-022SC-A-03-04-201108
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			67.3	--	--
Zinc	SW6020B			49.6	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			42.7 U	--	--
1,2-Dichloroethene, cis-	SW8260D			42.7 U	--	--
Benzene	SW8260D			17.1 U	--	--
Chlorobenzene	SW8260D		320	42.7 U	--	--
Ethylbenzene	SW8260D			42.7 U	--	--
m,p-Xylene	SW8260D			91.4	--	--
o-Xylene	SW8260D			25.6 J	--	--
Tetrachloroethene (PCE)	SW8260D			42.7 U	--	--
Toluene	SW8260D			85.5 U	--	--
Trichloroethene (TCE)	SW8260D			42.7 U	--	--
Vinyl chloride	SW8260D			42.7 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				190 JT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				117 JT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	496	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	119	--
Pentachlorophenol	SW8270E			33.4 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	133	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	476	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-022SC-A	USMPDI-022SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-14-15.4-201107	USMPDI-022SC-A-02-03-201108	USMPDI-022SC-A-03-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	147	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	119	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			3.34 U	--	600
2-Methylnaphthalene	SW8270ESIM			--	338	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2.77 J	--	5150
Acenaphthene	SW8270ESIM			--	1230	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.34 U	--	495 U
Acenaphthylene	SW8270ESIM			--	215 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3.34 U	--	1570
Anthracene	SW8270ESIM			--	620	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3.18 J	--	3230
Benzo(a)anthracene	SW8270ESIM			--	3720	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			5.15	--	4760
Benzo(a)pyrene	SW8270ESIM			--	5650	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			3.99	--	3830
Benzo(b)fluoranthene	SW8270ESIM			--	4020	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-022SC-A	USMPDI-022SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-14-15.4-201107	USMPDI-022SC-A-02-03-201108	USMPDI-022SC-A-03-04-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	3520	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			3.7	--	3000
Benzo(g,h,i)perylene	SW8270ESIM			--	5110	--
Benzo(j)fluoranthene	SW8270ESIM			--	1620	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.34 U	--	1290 J
Benzo(k)fluoranthene	SW8270ESIM			--	1470	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	51.7 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	187	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			4.13	--	3650
Chrysene	SW8270ESIM			--	4470	--
Decalin, cis-	SW8270ESIM			--	6.1 J	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	12.8 J	--
Dibenzo(a,h)anthracene	SW8270E			3.34 U	--	362
Dibenzo(a,h)anthracene	SW8270ESIM			--	619	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	146	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	442	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			10.2	--	10200
Fluoranthene	SW8270ESIM			--	8610	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3.34 U	--	3170
Fluorene	SW8270ESIM			--	858	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-022SC-A	USMPDI-022SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-14-15.4-201107	USMPDI-022SC-A-02-03-201108	USMPDI-022SC-A-03-04-201108
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			2.99 J	--	2470
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	4070	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	3.34 U	--	1100
Naphthalene	SW8270ESIM		140000	--	837	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	1310	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			11.6	--	15800
Phenanthrene	SW8270ESIM			--	7800	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			12.4	--	11400
Pyrene	SW8270ESIM			--	9960	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				5.66 T	7110 T	5120 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	7.86 JT	7470 T	6090 JT
PH-ROD Total HPAH (U = 1/2 max limit)				49.1 JT	49300 T	44000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				22.7 JT	12000 JT	28000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		71.8 JT	61000 JT	72000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	1890	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	57.3	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	435	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	729	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	524	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	3050	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	493	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-022SC-A	USMPDI-022SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-14-15.4-201107	USMPDI-022SC-A-02-03-201108	USMPDI-022SC-A-03-04-201108
				Sample ID	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	423	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	616	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	2290	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	1110	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	158	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	583	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	259	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	654	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	1310	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	599	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	796	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	330	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	1950	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	574	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	213	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	336	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	99.6	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-022SC-A	USMPDI-022SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-14-15.4-201107	USMPDI-022SC-A-02-03-201108	USMPDI-022SC-A-03-04-201108
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	522	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	929	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	619	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	1280	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	24.9 U	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	1250	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	222	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	593	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	283	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	896	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	732	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	39.9	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	470	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.73 U	15.0 U	31
2,4'-DDE (o,p'-DDE)	SW8081B			2.73 U	12.6 U	23.1 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.73 UJ	6.83 U	14.5 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.73 U	46.6	96
4,4'-DDE (p,p'-DDE)	SW8081B			2.73 U	18.8	20.3
4,4'-DDT (p,p'-DDT)	SW8081B			2.73 U	6.83 U	23.6

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-022SC-A	USMPDI-022SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-14-15.4-201107	USMPDI-022SC-A-02-03-201108	USMPDI-022SC-A-03-04-201108
				11/7/2020	11/8/2020	11/8/2020
				14 - 15.4 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622537.242	7622530.882	7622530.882
				706825.801	706750.584	706750.584
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.73 UJT	15.0 UT	49.8 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.73 UT	68.8 T	140 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.73 UT	54.1 T	127 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.73 UT	25.1 T	31.9 T
PH-ROD Sum DDT (U = 1/2 max limit)				2.73 UJT	6.83 UT	30.9 T
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.73 UJT	86.0 T	190 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			65 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			65 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000849	0.000661
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.00222 J	0.000809 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00254	0.000829 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.02	0.00524
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00711	0.00205 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.339	0.138
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	3.67	1.87
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00926	0.00780 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.0202 J	0.00912 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.155	0.0529
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.728	0.308
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0372	0.0688
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0559	0.068
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0294	0.0375
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.088	0.115
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0229	0.0276
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00294	0.0042
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00773	0.00751
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0803	0.0793
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0134	0.0227
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.159	0.176
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.114 J	0.191 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.182	0.198

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-021SC-B	USMPDI-022SC-A	USMPDI-022SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-021SC-B-14-15.4-201107	USMPDI-022SC-A-02-03-201108	USMPDI-022SC-A-03-04-201108
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.215	0.224
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.206	0.204
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0901 JT	0.132 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0378 JT	0.0443 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0379 JT	0.0409 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	4.54 JT	2.62 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.51 U	6.75 U	5.40 U
Aroclor 1221	SW8082A			5.51 U	17.7 U	28.2 U
Aroclor 1232	SW8082A			5.51 U	6.75 U	5.40 U
Aroclor 1242	SW8082A			5.51 U	13.6 J	14.8 J
Aroclor 1248	SW8082A			5.51 U	6.75 U	5.40 U
Aroclor 1254	SW8082A			5.51 U	24.5 J	33.2 J
Aroclor 1260	SW8082A			5.51 U	18.7 J	27.4 J
Aroclor 1262	SW8082A			5.51 U	6.75 U	5.40 U
Aroclor 1268	SW8082A			5.51 U	6.75 U	5.40 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.51 UT	82.5 JT	103 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	306	--
Motor oil range hydrocarbons	NWTPHDx			--	445	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.72 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-A	USMPDI-022SC-A	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-A-04-05-201108	USMPDI-022SC-A-05-06-201108	USMPDI-022SC-B-00-02-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	4.02 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.061	1.5	2.1
Total Solids	SM2540G			88.1	65.3	52.6
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	5.82
Cadmium	SW6020B			--	--	0.27
Chromium	SW6020B			--	--	35.8
Copper	SW6020B			--	--	48.7
Lead	SW6020B			--	--	16.8
Manganese	SW6020B			--	--	731

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-A	USMPDI-022SC-A	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-A-04-05-201108	USMPDI-022SC-A-05-06-201108	USMPDI-022SC-B-00-02-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
Vanadium	SW6020B			--	--	110
Zinc	SW6020B			--	--	128
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	81.0 U
1,2-Dichloroethene, cis-	SW8260D			--	--	81.0 U
Benzene	SW8260D			--	--	32.4 U
Chlorobenzene	SW8260D		320	--	--	81.0 U
Ethylbenzene	SW8260D			--	--	81.0 U
m,p-Xylene	SW8260D			--	--	162 U
o-Xylene	SW8260D			--	--	81.0 U
Tetrachloroethene (PCE)	SW8260D			--	--	81.0 U
Toluene	SW8260D			--	--	162 U
Trichloroethene (TCE)	SW8260D			--	--	81.0 U
Vinyl chloride	SW8260D			--	--	81.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	162 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	162 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	892 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-A	USMPDI-022SC-A	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-A-04-05-201108	USMPDI-022SC-A-05-06-201108	USMPDI-022SC-B-00-02-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2.87	183 U	212
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			38.7	929	361
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			4.94 U	170 J	212
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			6.23	682	351
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			20.7	1120	1150
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			41.5	2510	1980
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			30.7	1720	1670
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-A	USMPDI-022SC-A	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-A-04-05-201108	USMPDI-022SC-A-05-06-201108	USMPDI-022SC-B-00-02-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			32.9	2200	1390
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			9.83 J	553 J	555 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			25.6	1380	1320
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			2.87	121 J	172
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			75.2	5170	2350
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			7.06	386	239
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-A	USMPDI-022SC-A	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-A-04-05-201108	USMPDI-022SC-A-05-06-201108	USMPDI-022SC-B-00-02-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
Indeno(1,2,3-c,d)pyrene	SW8270E			25.5	1550	1150
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	7.9	500	589
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			104	3910	1370
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			98	6080	2580
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				40.5 JT	2270 JT	2230 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	52.2 JT	3080 JT	2560 JT
PH-ROD Total HPAH (U = 1/2 max limit)				363 JT	22000 JT	14300 JT
PH-ROD Total LPAH (U = 1/2 max limit)				169 T	6700 JT	3330 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		532 JT	29000 JT	17700 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-A	USMPDI-022SC-A	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-A-04-05-201108	USMPDI-022SC-A-05-06-201108	USMPDI-022SC-B-00-02-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-A	USMPDI-022SC-A	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-A-04-05-201108	USMPDI-022SC-A-05-06-201108	USMPDI-022SC-B-00-02-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.17 U	2.88 U	11.2
2,4'-DDE (o,p'-DDE)	SW8081B			2.17 U	2.88 U	6.95 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.17 U	2.88 U	3.57 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.17 U	2.88 U	28.2
4,4'-DDE (p,p'-DDE)	SW8081B			2.17 U	2.88 U	8.38
4,4'-DDT (p,p'-DDT)	SW8081B			2.17 U	2.88 U	3.57 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-A	USMPDI-022SC-A	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-A-04-05-201108	USMPDI-022SC-A-05-06-201108	USMPDI-022SC-B-00-02-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.17 UT	2.88 UT	16.5 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.17 UT	2.88 UT	38.4 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.17 UT	2.88 UT	39.4 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.17 UT	2.88 UT	11.9 T
PH-ROD Sum DDT (U = 1/2 max limit)				2.17 UT	2.88 UT	3.57 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.17 UT	2.88 UT	54.8 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	93 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	93 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000236 U	0.0000241 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000370 U	0.0000786 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000577 U	0.0000487 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000592 U	0.0000518 U	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000598 U	0.000171 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000993 J	0.00184 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0116	0.0211	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000111	0.000611	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0000370 U	0.000676 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000723	0.0021	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00237	0.00477	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000600 J	0.000232 J	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000226 J	0.000230 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000111 J	0.000130 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000396 J	0.000237 J	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000149 J	0.000110 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000504 J	0.0000389 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000972 J	0.0000804 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000662 J	0.000552 J	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000109 J	0.000102 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000569 J	0.000847 J	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000134	0.00244 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000670 J	0.00113 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-A	USMPDI-022SC-A	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-A-04-05-201108	USMPDI-022SC-A-05-06-201108	USMPDI-022SC-B-00-02-201108
				11/8/2020	11/8/2020	11/8/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00127	0.00103	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00129	0.00126	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000308 JT	0.000551 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000194 JT	0.000250 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000176 JT	0.000260 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0151 JT	0.0258 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.24 U	5.92 U	7.22 U
Aroclor 1221	SW8082A			4.24 U	5.92 U	7.22 U
Aroclor 1232	SW8082A			4.24 U	5.92 U	7.22 U
Aroclor 1242	SW8082A			4.24 U	5.92 U	7.24 J
Aroclor 1248	SW8082A			4.24 U	5.92 U	7.22 U
Aroclor 1254	SW8082A			4.24 U	5.92 U	12.5 J
Aroclor 1260	SW8082A			4.24 U	5.92 U	7.63 J
Aroclor 1262	SW8082A			4.24 U	5.92 U	7.22 U
Aroclor 1268	SW8082A			4.24 U	5.92 U	7.22 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.24 UT	5.92 UT	49.0 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	3.79 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-02-04-201108	USMPDI-022SC-B-04-06-201108	USMPDI-022SC-B-06-08-201108
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	51
Plastic limit	D4318			--	--	35
Plasticity index	D4318			--	--	16
Specific gravity	D854			--	--	2.61
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			29.6 J	0.229 J	1.18 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	47
Total organic carbon	SM5310BM			--	--	1.1
Total Solids	SM2540G			59	77	65.1
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	31.1
Total fines (Reported, not calculated)	D6913			--	--	68.9
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	99
Percent passing 110 micron sieve (#140)	D6913			--	--	70
Percent passing 850 micron sieve (#20)	D6913			--	--	99
Percent passing 425 micron sieve (#40)	D6913			--	--	98
Percent passing 250 micron sieve (#60)	D6913			--	--	83
Percent passing 150 micron sieve (#100)	D6913			--	--	72
Percent passing 75 micron sieve (#200)	D6913			--	--	69
Metals (mg/kg)						
Arsenic	SW6020B			5.19	3.95	4.91
Cadmium	SW6020B			0.325	0.104 J	0.101 J
Chromium	SW6020B			33.1	28.4	29.9
Copper	SW6020B			43.6	26.9	32.5
Lead	SW6020B			28.6	11.5	8.95
Manganese	SW6020B			544	417	443

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-02-04-201108	USMPDI-022SC-B-04-06-201108	USMPDI-022SC-B-06-08-201108
				11/8/2020	11/8/2020	11/8/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
Vanadium	SW6020B			105	98.8	103
Zinc	SW6020B			170	69.8	71.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			56.6 U	37.4 U	50.0 U
1,2-Dichloroethene, cis-	SW8260D			56.6 U	37.4 U	50.0 U
Benzene	SW8260D			22.6 U	15.0 U	20.0 U
Chlorobenzene	SW8260D		320	56.6 U	37.4 U	50.0 U
Ethylbenzene	SW8260D			56.6 U	37.4 U	50.0 U
m,p-Xylene	SW8260D			113 U	74.9 U	99.9 U
o-Xylene	SW8260D			56.6 U	37.4 U	50.0 U
Tetrachloroethene (PCE)	SW8260D			56.6 U	37.4 U	50.0 U
Toluene	SW8260D			113 U	74.9 U	99.9 U
Trichloroethene (TCE)	SW8260D			56.6 U	37.4 U	50.0 U
Vinyl chloride	SW8260D			56.6 U	37.4 U	50.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				113 UT	74.9 UT	99.9 UT
PH-ROD Total Xylene (U = 1/2 max limit)				113 UT	74.9 UT	99.9 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			400 U	127 U	363 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-02-04-201108	USMPDI-022SC-B-04-06-201108	USMPDI-022SC-B-06-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	44.3
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	365
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	79.9 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	140
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	270
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	514
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	386
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-02-04-201108	USMPDI-022SC-B-04-06-201108	USMPDI-022SC-B-06-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	396
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	106 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	337
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	32.8 J
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	1160
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	165
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-02-04-201108	USMPDI-022SC-B-04-06-201108	USMPDI-022SC-B-06-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	299
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	164
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	1470
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	1330
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	492 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	640 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	4800 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	2400 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	7200 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-02-04-201108	USMPDI-022SC-B-04-06-201108	USMPDI-022SC-B-06-08-201108
				Sample ID	Sample Date	Depth
				11/8/2020	11/8/2020	11/8/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				Sample Type	N	N
				Easting	7622530.882	7622530.882
				Northing	706750.584	706750.584
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-02-04-201108	USMPDI-022SC-B-04-06-201108	USMPDI-022SC-B-06-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	3.04
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	3.04 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	3.04 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	8.19
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	3.04 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	3.04 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-02-04-201108	USMPDI-022SC-B-04-06-201108	USMPDI-022SC-B-06-08-201108
				11/8/2020	11/8/2020	11/8/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	6.08 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	11.2 T
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	11.2 T
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	3.04 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	3.04 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	17.3 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			82 U	64 U	87 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			82 U	64 U	87 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-02-04-201108	USMPDI-022SC-B-04-06-201108	USMPDI-022SC-B-06-08-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	5.99 U
Aroclor 1221	SW8082A			--	--	5.99 U
Aroclor 1232	SW8082A			--	--	5.99 U
Aroclor 1242	SW8082A			--	--	5.99 U
Aroclor 1248	SW8082A			--	--	5.99 U
Aroclor 1254	SW8082A			--	--	5.99 U
Aroclor 1260	SW8082A			--	--	5.99 U
Aroclor 1262	SW8082A			--	--	5.99 U
Aroclor 1268	SW8082A			--	--	5.99 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	5.99 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.36 U	2.54 U	2.99 U

Table 4-3a
Data Summary: Subsurface Sediment

	Analytical Method	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
				Sample ID	USMPDI-022SC-B-08-10-201108	USMPDI-022SC-B-10-12-201108	USMPDI-022SC-B-12-14-201108
				Sample Date	11/8/2020	11/8/2020	11/8/2020
				Depth	8 - 10 ft	10 - 12 ft	12 - 14 ft
				Sample Type	N	N	N
				Easting	7622530.882	7622530.882	7622530.882
				Northing	706750.584	706750.584	706750.584
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	--
Plastic limit	D4318				--	--	--
Plasticity index	D4318				--	--	--
Specific gravity	D854				--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				0.111 UJ	0.133 UJ	0.136 UJ
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	--
Total organic carbon	SM5310BM				0.083	0.076	0.053
Total Solids	SM2540G				87.1	73.6	72.3
Grain Size (pct)							
Gravel	D6913				--	--	--
Sand	D6913				--	--	--
Total fines (Reported, not calculated)	D6913				--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913				--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--
Percent passing 4750 micron sieve (#4)	D6913				--	--	--
Percent passing 2000 micron sieve (#10)	D6913				--	--	--
Percent passing 110 micron sieve (#140)	D6913				--	--	--
Percent passing 850 micron sieve (#20)	D6913				--	--	--
Percent passing 425 micron sieve (#40)	D6913				--	--	--
Percent passing 250 micron sieve (#60)	D6913				--	--	--
Percent passing 150 micron sieve (#100)	D6913				--	--	--
Percent passing 75 micron sieve (#200)	D6913				--	--	--
Metals (mg/kg)							
Arsenic	SW6020B				3.25	3.54	3.45
Cadmium	SW6020B				0.126 U	0.0690 J	0.147 U
Chromium	SW6020B				19.7	20.1	19.8
Copper	SW6020B				19.6	19.6	20.4
Lead	SW6020B				3.08	3.39	3.47
Manganese	SW6020B				412	344	303

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-08-10-201108	USMPDI-022SC-B-10-12-201108	USMPDI-022SC-B-12-14-201108
				11/8/2020	11/8/2020	11/8/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
Vanadium	SW6020B			81.8	82.9	79.2
Zinc	SW6020B			53.4	53.8	55.2
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			39.2 U	39.4 U	45.4 U
1,2-Dichloroethene, cis-	SW8260D			39.2 U	39.4 U	45.4 U
Benzene	SW8260D			15.7 U	15.7 U	18.2 U
Chlorobenzene	SW8260D		320	39.2 U	39.4 U	45.4 U
Ethylbenzene	SW8260D			39.2 U	39.4 U	45.4 U
m,p-Xylene	SW8260D			78.4 U	78.7 U	90.9 U
o-Xylene	SW8260D			39.2 U	39.4 U	45.4 U
Tetrachloroethene (PCE)	SW8260D			39.2 U	39.4 U	45.4 U
Toluene	SW8260D			78.4 U	78.7 U	90.9 U
Trichloroethene (TCE)	SW8260D			39.2 U	39.4 U	45.4 U
Vinyl chloride	SW8260D			39.2 U	39.4 U	45.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				78.4 UT	78.7 UT	90.9 UT
PH-ROD Total Xylene (U = 1/2 max limit)				78.4 UT	78.7 UT	90.9 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			27.7 U	32.7 U	33.7 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-08-10-201108	USMPDI-022SC-B-10-12-201108	USMPDI-022SC-B-12-14-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2.77 U	3.27 U	5.06
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			4.41	3.7	3.37 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.77 U	3.27 U	3.37 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.77 U	3.27 U	3.37 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			1.40 J	3.27 U	3.37 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			2.70 J	3.27 U	3.37 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			1.90 J	3.27 U	3.37 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-08-10-201108	USMPDI-022SC-B-10-12-201108	USMPDI-022SC-B-12-14-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.29 J	3.27 U	3.37 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.77 U	3.27 U	3.37 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			1.74 J	3.27 U	3.37 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			2.77 U	3.27 U	3.37 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			3.53	3.27 U	3.37 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.77 U	3.27 U	3.37 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-08-10-201108	USMPDI-022SC-B-10-12-201108	USMPDI-022SC-B-12-14-201108
				11/8/2020	11/8/2020	11/8/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
Indeno(1,2,3-c,d)pyrene	SW8270E			1.76 J	3.27 U	3.37 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.77 U	3.27 U	3.37 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			5.87	3.27 U	3.37 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			10.9	3.27 U	3.37 U
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.29 JT	3.27 UT	3.37 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4.61 JT	3.27 UT	3.37 UT
PH-ROD Total HPAH (U = 1/2 max limit)				29.0 JT	3.27 UT	3.37 UT
PH-ROD Total LPAH (U = 1/2 max limit)				17.2 T	13.5 T	15.2 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		46.2 JT	29.9 T	32.0 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-08-10-201108	USMPDI-022SC-B-10-12-201108	USMPDI-022SC-B-12-14-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/8/2020	11/8/2020	11/8/2020
C1-Naphthalenes	SW8270ESIM			8 - 10 ft	10 - 12 ft	12 - 14 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622530.882	7622530.882	7622530.882
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706750.584	706750.584	706750.584
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-08-10-201108	USMPDI-022SC-B-10-12-201108	USMPDI-022SC-B-12-14-201108
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.29 U	2.67 U	2.70 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.29 U	2.67 U	2.70 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.29 U	2.67 U	2.70 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.29 U	2.67 U	2.70 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.29 U	2.67 U	2.70 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.29 U	2.67 U	2.70 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-08-10-201108	USMPDI-022SC-B-10-12-201108	USMPDI-022SC-B-12-14-201108
				11/8/2020	11/8/2020	11/8/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.29 UT	2.67 UT	2.70 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.29 UT	2.67 UT	2.70 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.29 UT	2.67 UT	2.70 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.29 UT	2.67 UT	2.70 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.29 UT	2.67 UT	2.70 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.29 UT	2.67 UT	2.70 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			57 U	68 U	68 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			57 U	68 U	68 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-08-10-201108	USMPDI-022SC-B-10-12-201108	USMPDI-022SC-B-12-14-201108
				USMPDI-022SC-B	USMPDI-022SC-B	USMPDI-022SC-B
				USMPDI-022SC-B-08-10-201108	USMPDI-022SC-B-10-12-201108	USMPDI-022SC-B-12-14-201108
				11/8/2020	11/8/2020	11/8/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622530.882	7622530.882	7622530.882
				706750.584	706750.584	706750.584
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.49 U	5.31 U	5.47 U
Aroclor 1221	SW8082A			4.49 U	5.31 U	5.47 U
Aroclor 1232	SW8082A			4.49 U	5.31 U	5.47 U
Aroclor 1242	SW8082A			4.49 U	5.31 U	5.47 U
Aroclor 1248	SW8082A			4.49 U	5.31 U	5.47 U
Aroclor 1254	SW8082A			4.49 U	5.31 U	5.47 U
Aroclor 1260	SW8082A			4.49 U	5.31 U	5.47 U
Aroclor 1262	SW8082A			4.49 U	5.31 U	5.47 U
Aroclor 1268	SW8082A			4.49 U	5.31 U	5.47 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.49 UT	5.31 UT	5.47 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.3 U	2.67 U	2.79 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-023SC-A	USMPDI-023SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-14-16-201108	USMPDI-023SC-A-01-02-201107	USMPDI-023SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.139 UJ	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.11	0.39	0.061 T
Total Solids	SM2540G			70	69.1	75.3 T
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.55	--	--
Cadmium	SW6020B			0.155 U	--	--
Chromium	SW6020B			24.3	--	--
Copper	SW6020B			23.4	--	--
Lead	SW6020B			4.29	--	--
Manganese	SW6020B			337	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-023SC-A	USMPDI-023SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-14-16-201108	USMPDI-023SC-A-01-02-201107	USMPDI-023SC-A-02-03-201107
				11/8/2020	11/7/2020	11/7/2020
				14 - 16 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622530.882	7622610.635	7622610.635
				706750.584	706778.733	706778.733
Vanadium	SW6020B			96.7	--	--
Zinc	SW6020B			60.5	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			41.0 U	--	--
1,2-Dichloroethene, cis-	SW8260D			41.0 U	--	--
Benzene	SW8260D			16.4 U	--	--
Chlorobenzene	SW8260D		320	41.0 U	--	--
Ethylbenzene	SW8260D			41.0 U	--	--
m,p-Xylene	SW8260D			81.9 U	--	--
o-Xylene	SW8260D			41.0 U	--	--
Tetrachloroethene (PCE)	SW8260D			41.0 U	--	--
Toluene	SW8260D			81.9 U	--	--
Trichloroethene (TCE)	SW8260D			41.0 U	--	--
Vinyl chloride	SW8260D			41.0 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				81.9 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				81.9 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			34.7 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-023SC-A	USMPDI-023SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-14-16-201108	USMPDI-023SC-A-01-02-201107	USMPDI-023SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/8/2020	11/7/2020	11/7/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			14 - 16 ft	1 - 2 ft	2 - 3 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622530.882	7622610.635	7622610.635
2-Methylanthracene	SW8270DMSIM			706750.584	706778.733	706778.733
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM					
2-Methylnaphthalene	SW8270E			3.47 U	148	8.57 JT
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			3.47 U	1570	131 T
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.47 U	98.8 U	25.6 T
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3.47 U	270	36.9 T
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3.47 U	517	111 T
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			3.47 U	771	210 T
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			3.47 U	554	150 T
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-023SC-A	USMPDI-023SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-14-16-201108	USMPDI-023SC-A-01-02-201107	USMPDI-023SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			3.47 U	481	133 T
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.47 U	180 J	49.0 JT
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			3.47 U	578	132 T
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3.47 U	47.2	14.2 JT
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			3.47 U	1950	350 T
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3.47 U	618	56.9 T
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-023SC-A	USMPDI-023SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-14-16-201108	USMPDI-023SC-A-01-02-201107	USMPDI-023SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			11/8/2020	11/7/2020	11/7/2020
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			14 - 16 ft	1 - 2 ft	2 - 3 ft
Naphthalene	SW8270DMSIM		140000	N	N	N
Naphthalene	SW8270E		140000	7622530.882	7622610.635	7622610.635
Naphthalene	SW8270ESIM		140000	706750.584	706778.733	706778.733
Perylene	SW8270DMSIM					
Perylene	SW8270ESIM					
Phenanthrene	SW8270DMSIM					
Phenanthrene	SW8270E			3.47 U	389	110 T
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			3.47 U	2070	353 T
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.47 UT	730 JT	200 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3.47 UT	970 JT	260 JT
PH-ROD Total HPAH (U = 1/2 max limit)				3.47 UT	7500 JT	1600 JT
PH-ROD Total LPAH (U = 1/2 max limit)				3.47 UT	6300 T	707 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		3.47 UT	14000 JT	2300 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-023SC-A	USMPDI-023SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-14-16-201108	USMPDI-023SC-A-01-02-201107	USMPDI-023SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			11/8/2020	11/7/2020	11/7/2020
C1-Naphthalenes	SW8270ESIM			14 - 16 ft	1 - 2 ft	2 - 3 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622530.882	7622610.635	7622610.635
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706750.584	706778.733	706778.733
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM					
C2-Benzo(b)thiophene	SW8270DMSIM					
C2-Benzo(b)thiophene	SW8270ESIM					
C2-Chrysenes	SW8270DMSIM					
C2-Decalins	SW8270DMSIM					
C2-Decalins	SW8270ESIM					
C2-Dibenz(a,h)anthracenes	SW8270ESIM					
C2-Dibenzothiophenes	SW8270DMSIM					
C2-Dibenzothiophenes	SW8270ESIM					
C2-Fluoranthenes/Pyrenes	SW8270DMSIM					
C2-Fluoranthenes/Pyrenes	SW8270ESIM					
C2-Fluorenes	SW8270DMSIM					
C2-Fluorenes	SW8270ESIM					
C2-Naphthalenes	SW8270DMSIM					
C2-Naphthalenes	SW8270ESIM					
C2-Naphthobenzothiophenes	SW8270DMSIM					
C2-Naphthobenzothiophenes	SW8270ESIM					
C2-Phenanthrenes/Anthracenes	SW8270DMSIM					
C2-Phenanthrenes/Anthracenes	SW8270ESIM					
C3-Benzanthracenes/Chrysenes	SW8270ESIM					
C3-Benzo(b)thiophene	SW8270DMSIM					
C3-Benzo(b)thiophene	SW8270ESIM					
C3-Chrysenes	SW8270DMSIM					
C3-Decalins	SW8270DMSIM					
C3-Decalins	SW8270ESIM					
C3-Dibenz(a,h)anthracenes	SW8270ESIM					
C3-Dibenzothiophenes	SW8270DMSIM					

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-023SC-A	USMPDI-023SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-14-16-201108	USMPDI-023SC-A-01-02-201107	USMPDI-023SC-A-02-03-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.80 U	2.84 U	2.60 UT
2,4'-DDE (o,p'-DDE)	SW8081B			2.80 U	2.84 U	2.60 UT
2,4'-DDT (o,p'-DDT)	SW8081B			2.80 U	2.84 UJ	2.60 UJT
4,4'-DDD (p,p'-DDD)	SW8081B			2.80 U	3.22	2.60 UT
4,4'-DDE (p,p'-DDE)	SW8081B			2.80 U	2.84 U	2.60 UT
4,4'-DDT (p,p'-DDT)	SW8081B			2.80 U	2.84 U	2.60 UT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-023SC-A	USMPDI-023SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-14-16-201108	USMPDI-023SC-A-01-02-201107	USMPDI-023SC-A-02-03-201107
				11/8/2020	11/7/2020	11/7/2020
				14 - 16 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622530.882	7622610.635	7622610.635
				706750.584	706778.733	706778.733
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.80 UT	2.84 UJT	2.60 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.80 UT	6.06 T	2.60 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.80 UT	4.64 T	2.60 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.80 UT	2.84 UT	2.60 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.80 UT	2.84 UJT	2.60 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.80 UT	10.3 JT	2.60 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			69 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			69 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000103 J	0.0000714 JT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000194 J	0.0000686 JT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000195 J	0.0000533 JT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00108 J	0.000144 JT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000566 J	0.000143 JT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.027	0.00354 T
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.406	0.0366 T
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00126 J	0.000221 JT
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00229 J	0.000580 JT
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0114	0.00245 T
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.06	0.00804 T
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.000638	0.000303 JT
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00136 J	0.000592 JT
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.000815 J	0.000299 JT
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.00214 J	0.00142 JT
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000797 J	0.000520 JT
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0000957 U	0.0000318 UT
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000408 J	0.000128 JT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00639	0.00105 JT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.000567 J	0.000211 JT
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0141	0.00129 JT
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.00398 J	0.00109 JT
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00696	0.00194 JT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-022SC-B	USMPDI-023SC-A	USMPDI-023SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-022SC-B-14-16-201108	USMPDI-023SC-A-01-02-201107	USMPDI-023SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00959 J	0.00304 JT
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0164	0.00219 T
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.00244 JT	0.00105 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00140 JT	0.000591 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00164 JT	0.000579 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.462 JT	0.0464 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.54 U	5.66 U	4.91 UT
Aroclor 1221	SW8082A			5.54 U	5.66 U	4.91 UT
Aroclor 1232	SW8082A			5.54 U	5.66 U	4.91 UT
Aroclor 1242	SW8082A			5.54 U	4.75 J	4.91 UT
Aroclor 1248	SW8082A			5.54 U	5.66 U	4.91 UT
Aroclor 1254	SW8082A			5.54 U	7.38 J	4.91 UT
Aroclor 1260	SW8082A			5.54 U	5.28 J	4.91 UT
Aroclor 1262	SW8082A			5.54 U	5.66 U	4.91 UT
Aroclor 1268	SW8082A			5.54 U	5.66 U	4.91 UT
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.54 UT	34.4 JT	4.91 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.8 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SC-A	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-03-04-201107	USMPDI-023SC-A-04-05-201107	USMPDI-023SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	1.41 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.39	0.091	--
Total Solids	SM2540G			69.8	82.4	62
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	6.08
Cadmium	SW6020B			--	--	0.174
Chromium	SW6020B			--	--	24
Copper	SW6020B			--	--	31.2
Lead	SW6020B			--	--	18.5
Manganese	SW6020B			--	--	541

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SC-A	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-03-04-201107	USMPDI-023SC-A-04-05-201107	USMPDI-023SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Vanadium	SW6020B			--	--	92.8
Zinc	SW6020B			--	--	89.7
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	101 U
1,2-Dichloroethene, cis-	SW8260D			--	--	101 U
Benzene	SW8260D			--	--	40.3 U
Chlorobenzene	SW8260D		320	--	--	101 U
Ethylbenzene	SW8260D			--	--	101 U
m,p-Xylene	SW8260D			--	--	202 U
o-Xylene	SW8260D			--	--	101 U
Tetrachloroethene (PCE)	SW8260D			--	--	101 U
Toluene	SW8260D			--	--	202 U
Trichloroethene (TCE)	SW8260D			--	--	101 U
Vinyl chloride	SW8260D			--	--	101 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	202 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	202 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	159 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SC-A	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-03-04-201107	USMPDI-023SC-A-04-05-201107	USMPDI-023SC-B-00-02-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			7.79 J	2.90 U	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			172	4.73	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			14.9 U	2.90 U	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			54.4	2.90 U	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			59.1	2.90 U	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			76.6	2.90 U	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			58.2	2.90 U	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SC-A	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-03-04-201107	USMPDI-023SC-A-04-05-201107	USMPDI-023SC-B-00-02-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			50.2	2.90 U	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			20.0 J	2.90 U	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			73.8	2.90 U	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			13.8 U	2.90 U	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			271	1.63 J	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			52.9	2.90 U	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SC-A	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-03-04-201107	USMPDI-023SC-A-04-05-201107	USMPDI-023SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Indeno(1,2,3-c,d)pyrene	SW8270E			40.6	2.90 U	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	29.7	2.90 U	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			405	2.73 J	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			309	1.74 J	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				78.2 JT	2.90 UT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	99.6 JT	2.90 UT	--
PH-ROD Total HPAH (U = 1/2 max limit)				965 JT	15.0 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				729 JT	14.7 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		1690 JT	29.7 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SC-A	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-03-04-201107	USMPDI-023SC-A-04-05-201107	USMPDI-023SC-B-00-02-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SC-A	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-03-04-201107	USMPDI-023SC-A-04-05-201107	USMPDI-023SC-B-00-02-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.82 U	2.39 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			2.82 U	2.39 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			2.82 UJ	2.39 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			2.82 U	2.39 U	--
4,4'-DDE (p,p'-DDE)	SW8081B			2.82 U	2.39 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			2.82 U	2.39 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SC-A	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-03-04-201107	USMPDI-023SC-A-04-05-201107	USMPDI-023SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.82 UJT	2.39 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.82 UT	2.39 UT	--
PH-ROD Sum DDD (U = 1/2 max limit)				2.82 UT	2.39 UT	--
PH-ROD Sum DDE (U = 1/2 max limit)				2.82 UT	2.39 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				2.82 UJT	2.39 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.82 UJT	2.39 UT	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	77 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	77 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000236 U	0.0000227 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000286 U	0.0000477 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000420 U	0.0000418 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000438 U	0.0000872 J	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000417 U	0.000215 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00189 J	0.00132 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0259	0.0145	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000179	0.000480 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000341 J	0.000490 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000996	0.00225	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00444	0.00384	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000140 J	0.0000501 J	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000122 J	0.0000638 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000833 J	0.0000372 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000133 J	0.0000554 J	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000555 J	0.0000210 U	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000261 U	0.0000469 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000327 J	0.0000232 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000505 J	0.0000279 U	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000511 U	0.0000226 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00249 J	0.0000682 J	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000497	0.000147	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000472 J	0.000139 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-A	USMPDI-023SC-A	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-A-03-04-201107	USMPDI-023SC-A-04-05-201107	USMPDI-023SC-B-00-02-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000612	0.000177 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00165	0.0000279 U	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000298 JT	0.000165 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000125 JT	0.0000861 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000131 JT	0.000114 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0315 JT	0.0165 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.49 U	4.84 U	--
Aroclor 1221	SW8082A			5.49 U	4.84 U	--
Aroclor 1232	SW8082A			5.49 U	4.84 U	--
Aroclor 1242	SW8082A			5.49 U	4.84 U	--
Aroclor 1248	SW8082A			5.49 U	4.84 U	--
Aroclor 1254	SW8082A			5.49 U	4.84 U	--
Aroclor 1260	SW8082A			5.49 U	4.84 U	--
Aroclor 1262	SW8082A			5.49 U	4.84 U	--
Aroclor 1268	SW8082A			5.49 U	4.84 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.49 UT	4.84 UT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	3.07 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Analytical Method	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
				Sample ID	USMPDI-023SC-B-02-04-201107	USMPDI-023SC-B-04-06-201107	USMPDI-023SC-B-06-08-201107
				Sample Date	11/7/2020	11/7/2020	11/7/2020
				Depth	2 - 4 ft	4 - 6 ft	6 - 8 ft
				Sample Type	N	N	N
				Easting	7622610.635	7622610.635	7622610.635
				Northing	706778.733	706778.733	706778.733
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	35
Plastic limit	D4318				--	--	30
Plasticity index	D4318				--	--	5
Specific gravity	D854				--	--	2.67
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				0.333 J	0.120 J	0.0734 J
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	52.9
Total organic carbon	SM5310BM				--	--	0.22
Total Solids	SM2540G				70.4	76.4	72.5
Grain Size (pct)							
Gravel	D6913				--	--	0 U
Sand	D6913				--	--	32.7
Total fines (Reported, not calculated)	D6913				--	--	67.3
Percent passing 0.75 inch (3/4 inch sieve)	D6913				--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--
Percent passing 4750 micron sieve (#4)	D6913				--	--	100
Percent passing 2000 micron sieve (#10)	D6913				--	--	100
Percent passing 110 micron sieve (#140)	D6913				--	--	68
Percent passing 850 micron sieve (#20)	D6913				--	--	100
Percent passing 425 micron sieve (#40)	D6913				--	--	98
Percent passing 250 micron sieve (#60)	D6913				--	--	78
Percent passing 150 micron sieve (#100)	D6913				--	--	69
Percent passing 75 micron sieve (#200)	D6913				--	--	67
Metals (mg/kg)							
Arsenic	SW6020B				3.36	3.9	3.3
Cadmium	SW6020B				0.146 U	0.0800 J	0.141 U
Chromium	SW6020B				16.5	18.5	17.2
Copper	SW6020B				18.8	22.9	21
Lead	SW6020B				4.4	3.48	3.03
Manganese	SW6020B				865	896	535

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-02-04-201107	USMPDI-023SC-B-04-06-201107	USMPDI-023SC-B-06-08-201107
				11/7/2020	11/7/2020	11/7/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Vanadium	SW6020B			67.1	73.4	68.3
Zinc	SW6020B			50.9	51.5	50.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			39.4 U	46.6 U	63.7 U
1,2-Dichloroethene, cis-	SW8260D			39.4 U	46.6 U	63.7 U
Benzene	SW8260D			15.8 U	18.6 U	25.5 U
Chlorobenzene	SW8260D		320	39.4 U	46.6 U	63.7 U
Ethylbenzene	SW8260D			39.4 U	46.6 U	63.7 U
m,p-Xylene	SW8260D			78.9 U	93.2 U	127 U
o-Xylene	SW8260D			39.4 U	46.6 U	63.7 U
Tetrachloroethene (PCE)	SW8260D			39.4 U	46.6 U	63.7 U
Toluene	SW8260D			78.9 U	93.2 U	127 U
Trichloroethene (TCE)	SW8260D			39.4 U	46.6 U	63.7 U
Vinyl chloride	SW8260D			39.4 U	46.6 U	63.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				78.9 UT	93.2 UT	127 UT
PH-ROD Total Xylene (U = 1/2 max limit)				78.9 UT	93.2 UT	127 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			15	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			2.3 J	--	--
Pentachlorophenol	SW8270E			34.9 U	30.0 U	33.0 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			2.3 J	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			16.4	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-02-04-201107	USMPDI-023SC-B-04-06-201107	USMPDI-023SC-B-06-08-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			5	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			6.7	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	4.72
2-Methylnaphthalene	SW8270ESIM			4.4 J	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	1.79 J
Acenaphthene	SW8270ESIM			57.5	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	3.30 U
Acenaphthylene	SW8270ESIM			6.2	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	3.30 U
Anthracene	SW8270ESIM			11	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	3.30 U
Benzo(a)anthracene	SW8270ESIM			64.3	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	3.30 U
Benzo(a)pyrene	SW8270ESIM			81.2	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	3.30 U
Benzo(b)fluoranthene	SW8270ESIM			53.3	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-02-04-201107	USMPDI-023SC-B-04-06-201107	USMPDI-023SC-B-06-08-201107
				11/7/2020	11/7/2020	11/7/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Benzo(e)pyrene	SW8270ESIM			59.4	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	3.30 U
Benzo(g,h,i)perylene	SW8270ESIM			83.6	--	--
Benzo(j)fluoranthene	SW8270ESIM			36.7	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	3.30 U
Benzo(k)fluoranthene	SW8270ESIM			35.1	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			1.1 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			1.1 J	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	3.30 U
Chrysene	SW8270ESIM			82.2	--	--
Decalin, cis-	SW8270ESIM			4.5 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			4.5 UJ	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	3.30 U
Dibenzo(a,h)anthracene	SW8270ESIM			7.4	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			1.8 J	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			25	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	3.30 U
Fluoranthene	SW8270ESIM			214	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	3.30 U
Fluorene	SW8270ESIM			28.2	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-02-04-201107	USMPDI-023SC-B-04-06-201107	USMPDI-023SC-B-06-08-201107
				11/7/2020	11/7/2020	11/7/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	3.30 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			54.4	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	12.1
Naphthalene	SW8270ESIM		140000	17.0 J	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			81.6	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	3.22 J
Phenanthrene	SW8270ESIM			260	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	3.30 U
Pyrene	SW8270ESIM			261	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				125 T	--	3.30 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	110 T	--	3.30 UT
PH-ROD Total HPAH (U = 1/2 max limit)				970 T	--	3.30 UT
PH-ROD Total LPAH (U = 1/2 max limit)				380 JT	--	26.8 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		1400 JT	--	43.3 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			38.5	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			1.8 J	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			4.5 U	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			9.1	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			15	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			68.7	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			16.2	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-02-04-201107	USMPDI-023SC-B-04-06-201107	USMPDI-023SC-B-06-08-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			5.5	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			10.7	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			65.8	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			11.8	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			7.5	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			19.1	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			2.4 J	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			14.7	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			21.5	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			15	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			23.2	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			4.6	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			42.8	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			7.4	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			8.8	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			4.5 U	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			4.5 U	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-02-04-201107	USMPDI-023SC-B-04-06-201107	USMPDI-023SC-B-06-08-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			11/7/2020	11/7/2020	11/7/2020
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			2 - 4 ft	4 - 6 ft	6 - 8 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622610.635	7622610.635	7622610.635
C3-Fluorenes	SW8270ESIM			706778.733	706778.733	706778.733
C3-Naphthalenes	SW8270DMSIM					
C3-Naphthalenes	SW8270ESIM			10.1	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			12.6	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			13	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			34.7	--	--
C4-Chrysenes	SW8270ESIM			--	--	--
C4-Decalins	SW8270DMSIM			4.5 U	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			19.4	--	--
C4-Dibenzothiophenes	SW8270ESIM			4.5 U	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			24.1	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			4.5 J	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			25.2	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			21.5	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			4.5 U	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			11.8	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	2.58 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	2.58 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	2.58 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	2.58 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	2.58 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	2.58 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-02-04-201107	USMPDI-023SC-B-04-06-201107	USMPDI-023SC-B-06-08-201107
				11/7/2020	11/7/2020	11/7/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	2.58 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	2.58 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	2.58 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	2.58 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	2.58 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	2.58 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			67 U	65 U	67 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			67 U	65 U	67 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-02-04-201107	USMPDI-023SC-B-04-06-201107	USMPDI-023SC-B-06-08-201107
				11/7/2020	11/7/2020	11/7/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	5.50 U
Aroclor 1221	SW8082A			--	--	5.50 U
Aroclor 1232	SW8082A			--	--	5.50 U
Aroclor 1242	SW8082A			--	--	5.50 U
Aroclor 1248	SW8082A			--	--	5.50 U
Aroclor 1254	SW8082A			--	--	5.50 U
Aroclor 1260	SW8082A			--	--	5.50 U
Aroclor 1262	SW8082A			--	--	5.50 U
Aroclor 1268	SW8082A			--	--	5.50 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	5.50 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			69.2 U	--	--
Motor oil range hydrocarbons	NWTPHDx			138 U	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.77 UJ	2.59 UJ	2.66 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-08-10-201107	USMPDI-023SC-B-10-12-201107	USMPDI-023SC-B-12-14-201107
				USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			-- R	-- R	-- R
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.031 T	0.079	0.026
Total Solids	SM2540G			84.4 T	73.8	87.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.95 T	2.65	2.91
Cadmium	SW6020B			0.114 UT	0.132 U	0.116 U
Chromium	SW6020B			14.8 T	13.8	14.3
Copper	SW6020B			16.7 T	16.6	16.6
Lead	SW6020B			2.74 T	2.66	2.46
Manganese	SW6020B			228 T	245	227

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-08-10-201107	USMPDI-023SC-B-10-12-201107	USMPDI-023SC-B-12-14-201107
				11/7/2020	11/7/2020	11/7/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Vanadium	SW6020B			67.3 T	61.2	66.2
Zinc	SW6020B			45.6 T	44.1	45.3
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			34.8 UT	35.0 U	29.6 U
1,2-Dichloroethene, cis-	SW8260D			34.8 UT	35.0 U	29.6 U
Benzene	SW8260D			13.9 UT	14.0 U	11.8 U
Chlorobenzene	SW8260D		320	34.8 UT	35.0 U	29.6 U
Ethylbenzene	SW8260D			34.8 UT	35.0 U	29.6 U
m,p-Xylene	SW8260D			69.6 UT	70.1 U	59.2 U
o-Xylene	SW8260D			34.8 UT	35.0 U	29.6 U
Tetrachloroethene (PCE)	SW8260D			34.8 UT	35.0 U	29.6 U
Toluene	SW8260D			69.6 UT	70.1 U	59.2 U
Trichloroethene (TCE)	SW8260D			34.8 UT	35.0 U	29.6 U
Vinyl chloride	SW8260D			34.8 UT	35.0 U	29.6 U
PH-ROD Total BTEX (U = 1/2 max limit)				69.6 UT	70.1 UT	59.2 UT
PH-ROD Total Xylene (U = 1/2 max limit)				69.6 UT	70.1 UT	59.2 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			27.9 UT	31.9 U	27.2 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-08-10-201107	USMPDI-023SC-B-10-12-201107	USMPDI-023SC-B-12-14-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2.79 UT	3.19 U	2.72 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2.79 UT	3.19 U	2.72 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.79 UT	3.19 U	2.72 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.79 UT	3.19 U	2.72 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2.79 UT	3.19 U	2.72 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			2.79 UT	3.19 U	2.72 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.79 UT	3.19 U	2.72 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-08-10-201107	USMPDI-023SC-B-10-12-201107	USMPDI-023SC-B-12-14-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.79 UT	3.19 U	2.72 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.79 UT	3.19 U	2.72 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2.79 UT	3.19 U	2.72 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			2.79 UT	3.19 U	2.72 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			2.79 UT	3.19 U	2.72 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.79 UT	3.19 U	2.72 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-08-10-201107	USMPDI-023SC-B-10-12-201107	USMPDI-023SC-B-12-14-201107
				11/7/2020	11/7/2020	11/7/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Indeno(1,2,3-c,d)pyrene	SW8270E			2.79 UT	3.19 U	2.72 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.79 UT	3.19 U	2.72 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			2.79 UT	3.19 U	2.72 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2.79 UT	3.19 U	2.72 U
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.79 UT	3.19 UT	2.72 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.79 UT	3.19 UT	2.72 UT
PH-ROD Total HPAH (U = 1/2 max limit)				2.79 UT	3.19 UT	2.72 UT
PH-ROD Total LPAH (U = 1/2 max limit)				2.79 UT	3.19 UT	2.72 UT
PH-ROD Total PAH (U = 1/2 max limit)		30000		2.79 UT	3.19 UT	2.72 UT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-08-10-201107	USMPDI-023SC-B-10-12-201107	USMPDI-023SC-B-12-14-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/7/2020	11/7/2020	11/7/2020
C1-Naphthalenes	SW8270ESIM			8 - 10 ft	10 - 12 ft	12 - 14 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622610.635	7622610.635	7622610.635
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706778.733	706778.733	706778.733
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-08-10-201107	USMPDI-023SC-B-10-12-201107	USMPDI-023SC-B-12-14-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.28 UT	2.70 U	2.22 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.28 UT	2.70 U	2.22 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.28 UT	2.70 U	2.22 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.28 UT	2.70 U	2.22 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.28 UT	2.70 U	2.22 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.28 UT	2.70 U	2.22 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-08-10-201107	USMPDI-023SC-B-10-12-201107	USMPDI-023SC-B-12-14-201107
				11/7/2020	11/7/2020	11/7/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.28 UT	2.70 UT	2.22 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.28 UT	2.70 UT	2.22 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.28 UT	2.70 UT	2.22 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.28 UT	2.70 UT	2.22 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.28 UT	2.70 UT	2.22 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.28 UT	2.70 UT	2.22 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			60 UT	67 U	58 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			60 UT	67 U	58 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-08-10-201107	USMPDI-023SC-B-10-12-201107	USMPDI-023SC-B-12-14-201107
				USMPDI-023SC-B	USMPDI-023SC-B	USMPDI-023SC-B
				USMPDI-023SC-B-08-10-201107	USMPDI-023SC-B-10-12-201107	USMPDI-023SC-B-12-14-201107
				11/7/2020	11/7/2020	11/7/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622610.635	7622610.635	7622610.635
				706778.733	706778.733	706778.733
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.49 UT	5.20 U	4.54 U
Aroclor 1221	SW8082A			4.49 UT	5.20 U	4.54 U
Aroclor 1232	SW8082A			4.49 UT	5.20 U	4.54 U
Aroclor 1242	SW8082A			4.49 UT	5.20 U	4.54 U
Aroclor 1248	SW8082A			4.49 UT	5.20 U	4.54 U
Aroclor 1254	SW8082A			4.49 UT	5.20 U	4.54 U
Aroclor 1260	SW8082A			4.49 UT	5.20 U	4.54 U
Aroclor 1262	SW8082A			4.49 UT	5.20 U	4.54 U
Aroclor 1268	SW8082A			4.49 UT	5.20 U	4.54 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.49 UT	5.20 UT	4.54 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.4 UT	2.68 U	2.3 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-026SC-A	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-14-16-201107	USMPDI-026SC-A-09-10-201106	USMPDI-026SC-A-10-11-201106
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			-- R	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.029	3.4	2.1
Total Solids	SM2540G			86.3	57.9	62
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.71	--	--
Cadmium	SW6020B			0.116 U	--	--
Chromium	SW6020B			12.3	--	--
Copper	SW6020B			15.9	--	--
Lead	SW6020B			2.49	--	--
Manganese	SW6020B			223	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-026SC-A	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-14-16-201107	USMPDI-026SC-A-09-10-201106	USMPDI-026SC-A-10-11-201106
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			58.6	--	--
Zinc	SW6020B			43.5	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			34.1 U	--	--
1,2-Dichloroethene, cis-	SW8260D			34.1 U	--	--
Benzene	SW8260D			13.6 U	--	--
Chlorobenzene	SW8260D		320	34.1 U	--	--
Ethylbenzene	SW8260D			34.1 U	--	--
m,p-Xylene	SW8260D			68.1 U	--	--
o-Xylene	SW8260D			34.1 U	--	--
Tetrachloroethene (PCE)	SW8260D			34.1 U	--	--
Toluene	SW8260D			68.1 U	--	--
Trichloroethene (TCE)	SW8260D			34.1 U	--	--
Vinyl chloride	SW8260D			34.1 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				68.1 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				68.1 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	2480 J	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	426	--
Pentachlorophenol	SW8270E			28.4 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	1620	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	1840	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-026SC-A	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-14-16-201107	USMPDI-026SC-A-09-10-201106	USMPDI-026SC-A-10-11-201106
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/7/2020	11/6/2020	11/6/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			14 - 16 ft	9 - 10 ft	10 - 11 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622610.635	7622586.187	7622586.187
2-Methylanthracene	SW8270DMSIM			706778.733	706621.989	706621.989
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM					
2-Methylnaphthalene	SW8270E			2.84 U	--	3740 U
2-Methylnaphthalene	SW8270ESIM			--	823	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2.84 U	--	5620
Acenaphthene	SW8270ESIM			--	8190	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.84 U	--	3740 U
Acenaphthylene	SW8270ESIM			--	566	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.84 U	--	9410
Anthracene	SW8270ESIM			--	10500	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2.84 U	--	11900
Benzo(a)anthracene	SW8270ESIM			--	10500	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			2.84 U	--	20800
Benzo(a)pyrene	SW8270ESIM			--	17200	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.84 U	--	14600
Benzo(b)fluoranthene	SW8270ESIM			--	7910	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-026SC-A	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-14-16-201107	USMPDI-026SC-A-09-10-201106	USMPDI-026SC-A-10-11-201106
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	9650	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.84 U	--	14200
Benzo(g,h,i)perylene	SW8270ESIM			--	14000	--
Benzo(j)fluoranthene	SW8270ESIM			--	6730	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.84 U	--	4920 J
Benzo(k)fluoranthene	SW8270ESIM			--	5060	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	200 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	279	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2.84 U	--	13500
Chrysene	SW8270ESIM			--	13700	--
Decalin, cis-	SW8270ESIM			--	24.1 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	71.5 J	--
Dibenzo(a,h)anthracene	SW8270E			2.84 U	--	3740 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	2190	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	670	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	4190	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			2.84 U	--	41800
Fluoranthene	SW8270ESIM			--	42600	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.84 U	--	4350
Fluorene	SW8270ESIM			--	5550	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-026SC-A	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-14-16-201107	USMPDI-026SC-A-09-10-201106	USMPDI-026SC-A-10-11-201106
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			11/7/2020	11/6/2020	11/6/2020
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			14 - 16 ft	9 - 10 ft	10 - 11 ft
Naphthalene	SW8270DMSIM		140000	N	N	N
Naphthalene	SW8270E		140000	7622610.635	7622586.187	7622586.187
Naphthalene	SW8270ESIM		140000	706778.733	706621.989	706621.989
Perylene	SW8270DMSIM					
Perylene	SW8270ESIM					
Phenanthrene	SW8270DMSIM					
Phenanthrene	SW8270E			2.84 U	--	11600
Phenanthrene	SW8270ESIM			--	8740	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2.84 U	--	4440
Pyrene	SW8270ESIM			--	4800 UJ	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.84 UT	19700 T	19500 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.84 UT	22200 T	26500 JT
PH-ROD Total HPAH (U = 1/2 max limit)				2.84 UT	180000 T	180000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				2.84 UT	76000 JT	69900 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		2.84 UT	250000 JT	250000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	4910	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	357	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	994	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	1470	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	2550	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	10700	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	2720	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-026SC-A	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-14-16-201107	USMPDI-026SC-A-09-10-201106	USMPDI-026SC-A-10-11-201106
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			11/7/2020	11/6/2020	11/6/2020
C1-Naphthalenes	SW8270ESIM			14 - 16 ft	9 - 10 ft	10 - 11 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622610.635	7622586.187	7622586.187
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706778.733	706621.989	706621.989
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	2140	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	1570	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	9790	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	2190	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	838	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	1800	--
C2-Naphthalenes	SW8270DMSIM			--	476	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	1720	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	3260	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	2090	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	5940	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	620	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	4530	--
C3-Dibenzothiophenes	SW8270DMSIM			--	807	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
					827	
					--	
					--	
					1260	
					162	
					--	

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-026SC-A	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-14-16-201107	USMPDI-026SC-A-09-10-201106	USMPDI-026SC-A-10-11-201106
				11/7/2020	11/6/2020	11/6/2020
				14 - 16 ft	9 - 10 ft	10 - 11 ft
				N	N	N
				7622610.635	7622586.187	7622586.187
				706778.733	706621.989	706621.989
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.13 UT	61.6 UT	17.7 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.13 UT	67.8 JT	16.1 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.13 UT	62.3 JT	16.1 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.13 UT	61.6 UT	17.7 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.13 UT	16.9 UT	16.1 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.13 UT	118 JT	17.7 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			59 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			59 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000252 J	0.000126 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.00180 J	0.000634 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00160 J	0.000483 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0197	0.00553
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00498	0.00165 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.674	0.183
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	13.5	3.76
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00744 J	0.00288 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.0251	0.00828 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.222	0.0618
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	1.81	0.521
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.00248	0.000373 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00323	0.000276 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0106	0.00323
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.00833	0.00207 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00633	0.00219 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000518 J	0.0000610 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00817	0.00318
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.198	0.0812
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0042	0.00122 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.164	0.0431
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0621 J	0.0341 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.144 J	0.0579 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-023SC-B	USMPDI-026SC-A	USMPDI-026SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-023SC-B-14-16-201107	USMPDI-026SC-A-09-10-201106	USMPDI-026SC-A-10-11-201106
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.218 J	0.0747
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.455 J	0.166
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0226 JT	0.00677 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0151 JT	0.00486 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0234 JT	0.00709 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	14.6 JT	4.09 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.52 U	6.66 U	6.44 U
Aroclor 1221	SW8082A			4.52 U	6.66 U	6.44 U
Aroclor 1232	SW8082A			4.52 U	6.66 U	6.44 U
Aroclor 1242	SW8082A			4.52 U	6.66 U	6.44 U
Aroclor 1248	SW8082A			4.52 U	6.66 U	6.44 U
Aroclor 1254	SW8082A			4.52 U	6.66 U	6.44 U
Aroclor 1260	SW8082A			4.52 U	8.79	3.68 J
Aroclor 1262	SW8082A			4.52 U	6.66 U	6.44 U
Aroclor 1268	SW8082A			4.52 U	6.66 U	6.44 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.52 UT	35.4 T	29.4 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	1360	--
Motor oil range hydrocarbons	NWTPHDx			--	1530	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.35 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-A	USMPDI-026SC-A	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-A-11-12-201106	USMPDI-026SC-A-12-13-201106	USMPDI-026SC-B-00-02-201106
				11/6/2020	11/6/2020	11/6/2020
				11 - 12 ft	12 - 13 ft	0 - 2 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	26.9
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.86	0.34	1.8
Total Solids	SM2540G			63.9	67.5	58.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	4.51
Cadmium	SW6020B			--	--	0.316
Chromium	SW6020B			--	--	25.7
Copper	SW6020B			--	--	37.7
Lead	SW6020B			--	--	27.7
Manganese	SW6020B			--	--	558

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-A	USMPDI-026SC-A	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-A-11-12-201106	USMPDI-026SC-A-12-13-201106	USMPDI-026SC-B-00-02-201106
				11/6/2020	11/6/2020	11/6/2020
				11 - 12 ft	12 - 13 ft	0 - 2 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Vanadium	SW6020B			--	--	87.8
Zinc	SW6020B			--	--	177
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	69.4 U
1,2-Dichloroethene, cis-	SW8260D			--	--	69.4 U
Benzene	SW8260D			--	--	27.7 U
Chlorobenzene	SW8260D		320	--	--	69.4 U
Ethylbenzene	SW8260D			--	--	69.4 U
m,p-Xylene	SW8260D			--	--	139 U
o-Xylene	SW8260D			--	--	69.4 U
Tetrachloroethene (PCE)	SW8260D			--	--	69.4 U
Toluene	SW8260D			--	--	119 J
Trichloroethene (TCE)	SW8260D			--	--	69.4 U
Vinyl chloride	SW8260D			--	--	69.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	272 JT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	139 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	2110 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-A	USMPDI-026SC-A	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-A-11-12-201106	USMPDI-026SC-A-12-13-201106	USMPDI-026SC-B-00-02-201106
				11/6/2020	11/6/2020	11/6/2020
				11 - 12 ft	12 - 13 ft	0 - 2 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			29.9	4.6	594
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			150	11.5	2640
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			18.2	3.89	582
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			70	16.6	2010
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			84.3	40.6	6090
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			99	48.9	9670
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			87.9	43.7	8380
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-A	USMPDI-026SC-A	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-A-11-12-201106	USMPDI-026SC-A-12-13-201106	USMPDI-026SC-B-00-02-201106
				11/6/2020	11/6/2020	11/6/2020
				11 - 12 ft	12 - 13 ft	0 - 2 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			43.8	20	5510
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			32.5 J	15.5 J	3140 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			77.3	36.7	6230
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			15.6 U	3.7	750
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			197	81.5	13700
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			56.3	8.53	1830
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-A	USMPDI-026SC-A	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-A-11-12-201106	USMPDI-026SC-A-12-13-201106	USMPDI-026SC-B-00-02-201106
				11/6/2020	11/6/2020	11/6/2020
				11 - 12 ft	12 - 13 ft	0 - 2 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Indeno(1,2,3-c,d)pyrene	SW8270E			43	20.2	5040
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	45.4	9.78	1500
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			272	52.5	9710
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			178	71.1	13300
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				120 JT	59.2 JT	11500 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	129 JT	63.2 JT	12000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				851 JT	382 JT	72000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				640 T	107 T	19000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		1500 JT	489 JT	91000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-A	USMPDI-026SC-A	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-A-11-12-201106	USMPDI-026SC-A-12-13-201106	USMPDI-026SC-B-00-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-A	USMPDI-026SC-A	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-A-11-12-201106	USMPDI-026SC-A-12-13-201106	USMPDI-026SC-B-00-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.13 U	2.95 U	6.67 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.13 U	2.95 U	9.67 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.13 U	2.95 U	6.67 U
4,4'-DDD (p,p'-DDD)	SW8081B			3.13 U	2.95 U	27.4 J
4,4'-DDE (p,p'-DDE)	SW8081B			3.13 U	2.95 U	6.67 U
4,4'-DDT (p,p'-DDT)	SW8081B			3.13 U	2.95 U	30.2 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID Sample ID Sample Date Depth Sample Type Easting Northing	USMPDI-026SC-A USMPDI-026SC-A-11-12-201106		USMPDI-026SC-A USMPDI-026SC-A-12-13-201106		USMPDI-026SC-B USMPDI-026SC-B-00-02-201106	
		Analytical Method	Site-Wide RAL	PTW Threshold			
				11/6/2020	11/6/2020	11/6/2020	
				11 - 12 ft	12 - 13 ft	0 - 2 ft	
				N	N	N	
				7622586.187	7622586.187	7622586.187	
				706621.989	706621.989	706621.989	
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.13 UT	2.95 UT	9.67 UT	
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				3.13 UT	2.95 UT	60.9 JT	
PH-ROD Sum DDD (U = 1/2 max limit)				3.13 UT	2.95 UT	30.7 JT	
PH-ROD Sum DDE (U = 1/2 max limit)				3.13 UT	2.95 UT	9.67 UT	
PH-ROD Sum DDT (U = 1/2 max limit)				3.13 UT	2.95 UT	33.5 JT	
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	3.13 UT	2.95 UT	72.4 JT	
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A			--	--	84 U	
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	84 U	
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000406 U	0.0000236 U	--	
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000936 U	0.0000454 U	--	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000139 U	0.0000801 U	--	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000146 U	0.0000867 U	--	
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000140 U	0.0000939 U	--	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00185 J	0.000945 J	--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.024	0.00974	--	
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000384 J	0.0000748 J	--	
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000675 J	0.0000454 U	--	
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00171	0.000873 J	--	
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00467	0.00244	--	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000320 U	0.0000192 U	--	
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000494 U	0.0000258 U	--	
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000476 U	0.0000222 U	--	
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000129 J	0.0000303 U	--	
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000115 J	0.0000293 U	--	
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000584 J	0.0000480 U	--	
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000838 J	0.0000323 U	--	
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000372 J	0.000119 J	--	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000831 U	0.0000466 U	--	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000492 J	0.0000923 U	--	
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000233	0.000127	--	
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000143	0.0000258 U	--	

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-A	USMPDI-026SC-A	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-A-11-12-201106	USMPDI-026SC-A-12-13-201106	USMPDI-026SC-B-00-02-201106
				11/6/2020	11/6/2020	11/6/2020
				11 - 12 ft	12 - 13 ft	0 - 2 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000720 J	0.000108 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000683	0.000119	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000168 JT	0.0000740 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000164 JT	0.0000724 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000166 JT	0.0000730 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0275 JT	0.0111 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.23 U	5.64 U	6.66 U
Aroclor 1221	SW8082A			6.23 U	5.64 U	6.66 U
Aroclor 1232	SW8082A			6.23 U	5.64 U	6.66 U
Aroclor 1242	SW8082A			6.23 U	5.64 U	31.4 J
Aroclor 1248	SW8082A			6.23 U	5.64 U	6.66 U
Aroclor 1254	SW8082A			6.23 U	5.64 U	43.8 J
Aroclor 1260	SW8082A			6.23 U	5.64 U	24.6 J
Aroclor 1262	SW8082A			6.23 U	5.64 U	6.66 U
Aroclor 1268	SW8082A			6.23 U	5.64 U	6.66 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	6.23 UT	5.64 UT	120 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	3.45 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-02-04-201106	USMPDI-026SC-B-04-06-201106	USMPDI-026SC-B-06-08-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			71.6	34.3	59.3
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.6	2.1	2.1
Total Solids	SM2540G			57.7	58.7	58.2
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.75	4.65	5.78
Cadmium	SW6020B			0.532	0.342	0.442
Chromium	SW6020B			33.6	28.7	33.1
Copper	SW6020B			49.9	41.1	48.4
Lead	SW6020B			40.6	22	30.2
Manganese	SW6020B			434	538	682

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-02-04-201106	USMPDI-026SC-B-04-06-201106	USMPDI-026SC-B-06-08-201106
				USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
				USMPDI-026SC-B-02-04-201106	USMPDI-026SC-B-04-06-201106	USMPDI-026SC-B-06-08-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Vanadium	SW6020B			96.6	92.2	105
Zinc	SW6020B			258	137	132
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			71.8 U	59.5 U	66.7 U
1,2-Dichloroethene, cis-	SW8260D			71.8 U	59.5 U	66.7 U
Benzene	SW8260D			28.7 U	23.8 U	26.7 U
Chlorobenzene	SW8260D		320	71.8 U	59.5 U	66.7 U
Ethylbenzene	SW8260D			71.8 U	59.5 U	66.7 U
m,p-Xylene	SW8260D			144 U	119 U	133 U
o-Xylene	SW8260D			71.8 U	59.5 U	66.7 U
Tetrachloroethene (PCE)	SW8260D			71.8 U	59.5 U	66.7 U
Toluene	SW8260D			144 U	119 U	133 U
Trichloroethene (TCE)	SW8260D			71.8 U	59.5 U	66.7 U
Vinyl chloride	SW8260D			71.8 U	59.5 U	66.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				144 UT	119 UT	133 UT
PH-ROD Total Xylene (U = 1/2 max limit)				144 UT	119 UT	133 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			977	717 J	1880 J
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			139	203	424
Pentachlorophenol	SW8270E			818 U	833 U	1670 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			949 UJ	933 UJ	4210 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			2810	1340	1720 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-02-04-201106	USMPDI-026SC-B-04-06-201106	USMPDI-026SC-B-06-08-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			1370	749 J	762 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			2840	1370	3240
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			949 UJ	933 UJ	4810 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			3230	2500 U	7140
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			517 J	222	371
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			2440	4330	6480
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			3790	2280	4060
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			4090	2910	4690
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1780	1250	2320 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-02-04-201106	USMPDI-026SC-B-04-06-201106	USMPDI-026SC-B-06-08-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			2480	1600	3430
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			2900	2000	4540
Benzo(j)fluoranthene	SW8270ESIM			1810	1290	2330 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1670	1020	2210 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			89.8 J	48.4 J	132 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			4.7 U	397	490 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			4750	2830	5640
Decalin, cis-	SW8270ESIM			4.7 UJ	4.7 UJ	4.8 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			37.7 J	18.9 J	42.9 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			290	279	352
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			419	264	734 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			2090	1370	2790
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			11000	8030	18200
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			2590	1970	4800
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-02-04-201106	USMPDI-026SC-B-04-06-201106	USMPDI-026SC-B-06-08-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1920	1250	2400
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	1800 UJ	1350 UJ	3330 UJ
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			1110	580 J	1260 J
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			18700	13800	31300
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			13900	9470	21000
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				5260 T	3560 T	6860 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	5200 T	3680 T	5900 JT
PH-ROD Total HPAH (U = 1/2 max limit)				48000 T	33000 T	68000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				28900 JT	22700 JT	57000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		77000 JT	55000 JT	120000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			4070	1930	2190
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			211	124	375
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			608	548	521
C1-Dibenz(a,h)anthracenes	SW8270ESIM			732	524	479
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			3490	1500	1750
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			12400	3920	6850
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			3230	1910	2240

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-02-04-201106	USMPDI-026SC-B-04-06-201106	USMPDI-026SC-B-06-08-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			1010	989	4510
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			2660	1050	1000
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			18700	6590	9300
C2-Benzanthracenes/Chrysenes	SW8270ESIM			2840	1210	1050
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			1080	586	906
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			1460	1180	1420
C2-Dibenz(a,h)anthracenes	SW8270ESIM			425	231	161
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			2070	1570	1570
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			8570	2250	2490
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			4070	1980	1950
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			8510	4880	7560
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			1980	464	520
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			15900	4230	5270
C3-Benzanthracenes/Chrysenes	SW8270ESIM			1290	601	434
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			1840	1120	1270
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			1110	999	1010
C3-Dibenz(a,h)anthracenes	SW8270ESIM			110	73.4	42.7
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-02-04-201106	USMPDI-026SC-B-04-06-201106	USMPDI-026SC-B-06-08-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			2760	1040	1140
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			4980	1430	1540
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			2820	1550	1520
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			10000	5950	5620
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			1210	424	1030
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			8920	2310	2790
C4-Benzanthracenes/Chrysenes	SW8270ESIM			571	261	188
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			1390	1470	1430
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			1220	498	506
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			1630	1060	2110
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			5390	2740	3180
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			91.2	41.8	133
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			3190	1030	1440
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			20.3 U	25.5 U	207
2,4'-DDE (o,p'-DDE)	SW8081B			32.3 U	26.6 U	107
2,4'-DDT (o,p'-DDT)	SW8081B			9.29 U	7.73 U	14.9 U
4,4'-DDD (p,p'-DDD)	SW8081B			105 J	104	623
4,4'-DDE (p,p'-DDE)	SW8081B			29.0 J	26.3	67.8
4,4'-DDT (p,p'-DDT)	SW8081B			157 J	13.4 U	98.3 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-02-04-201106	USMPDI-026SC-B-04-06-201106	USMPDI-026SC-B-06-08-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				32.3 UT	26.6 UT	321 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				291 JT	137 T	789 JT
PH-ROD Sum DDD (U = 1/2 max limit)				115 JT	117 T	830 T
PH-ROD Sum DDE (U = 1/2 max limit)				45.2 JT	39.6 T	175 T
PH-ROD Sum DDT (U = 1/2 max limit)				162 JT	13.4 UT	106 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	322 JT	167 T	1110 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			88 U	84 U	85 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			88 U	84 U	85 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-02-04-201106	USMPDI-026SC-B-04-06-201106	USMPDI-026SC-B-06-08-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.72 U	10.5 U	17.3 U
Aroclor 1221	SW8082A			6.72 U	6.27 U	13.0 U
Aroclor 1232	SW8082A			6.72 U	14.4 U	23.4 U
Aroclor 1242	SW8082A			28.8 J	15.7 U	25.7 U
Aroclor 1248	SW8082A			6.72 U	14.7 U	30.0 U
Aroclor 1254	SW8082A			55.6 J	31.7 J	90.5 U
Aroclor 1260	SW8082A			47.0 J	28.3 J	116
Aroclor 1262	SW8082A			6.72 U	6.27 U	13.0 U
Aroclor 1268	SW8082A			6.72 U	6.27 U	13.0 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	152 JT	97.1 JT	229 T
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			1290	785	1300
Motor oil range hydrocarbons	NWTPHDx			1390	946	1380
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.1 J	3.38 UJ	3.66 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-08-10-201106	USMPDI-026SC-B-10-12-201106	USMPDI-026SC-B-12-14-201106
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			59	--	--
Plastic limit	D4318			35	--	--
Plasticity index	D4318			24	--	--
Specific gravity	D854			2.61	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			21.9 J	4.77 J	0.144 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			74.4	--	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			59.3	63.2	68.2
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			26.1	--	--
Total fines (Reported, not calculated)	D6913			73.9	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			77	--	--
Percent passing 850 micron sieve (#20)	D6913			99	--	--
Percent passing 425 micron sieve (#40)	D6913			96	--	--
Percent passing 250 micron sieve (#60)	D6913			87	--	--
Percent passing 150 micron sieve (#100)	D6913			81	--	--
Percent passing 75 micron sieve (#200)	D6913			74	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.13	4.11	2.9
Cadmium	SW6020B			0.409	0.169	0.148 U
Chromium	SW6020B			31	26.5	22.6
Copper	SW6020B			41.8	31.2	22.3
Lead	SW6020B			60	10.3	5.1
Manganese	SW6020B			517	579	590

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-08-10-201106	USMPDI-026SC-B-10-12-201106	USMPDI-026SC-B-12-14-201106
				USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
				USMPDI-026SC-B-08-10-201106	USMPDI-026SC-B-10-12-201106	USMPDI-026SC-B-12-14-201106
				11/6/2020	11/6/2020	11/6/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Vanadium	SW6020B			99	87.6	74
Zinc	SW6020B			126	74.2	52.5
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			61.4 U	58.8 U	42.0 U
1,2-Dichloroethene, cis-	SW8260D			61.4 U	58.8 U	42.0 U
Benzene	SW8260D			24.5 U	23.5 U	16.8 U
Chlorobenzene	SW8260D		320	61.4 U	58.8 U	42.0 U
Ethylbenzene	SW8260D			61.4 U	58.8 U	42.0 U
m,p-Xylene	SW8260D			123 U	118 U	84.0 U
o-Xylene	SW8260D			61.4 U	58.8 U	42.0 U
Tetrachloroethene (PCE)	SW8260D			61.4 U	58.8 U	42.0 U
Toluene	SW8260D			123 U	118 U	84.0 U
Trichloroethene (TCE)	SW8260D			61.4 U	58.8 U	42.0 U
Vinyl chloride	SW8260D			61.4 U	58.8 U	42.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				123 UT	118 UT	84.0 UT
PH-ROD Total Xylene (U = 1/2 max limit)				123 UT	118 UT	84.0 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	855 J	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	112	--
Pentachlorophenol	SW8270E			1630 U	772 U	36.5 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	215	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	446 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-08-10-201106	USMPDI-026SC-B-10-12-201106	USMPDI-026SC-B-12-14-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	101	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	133	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	144	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	1550 U	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	135	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	2450	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	2960	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	4950	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	1910	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-08-10-201106	USMPDI-026SC-B-10-12-201106	USMPDI-026SC-B-12-14-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	2630	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	3990	--
Benzo(j)fluoranthene	SW8270ESIM			--	2030	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	1460	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	45.2 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	59.2	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	3640	--
Decalin, cis-	SW8270ESIM			--	4.3 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	17.2 J	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	329	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	127	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	1070	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	12300	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	1130 U	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-08-10-201106	USMPDI-026SC-B-10-12-201106	USMPDI-026SC-B-12-14-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	2390	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	1280 UJ	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	1100	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	12100	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	14600	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	5400 T	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	6020 T	--
PH-ROD Total HPAH (U = 1/2 max limit)				--	50600 T	--
PH-ROD Total LPAH (U = 1/2 max limit)				--	16800 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	67400 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	1090	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	35.4	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	151	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	325	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	521	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	3640	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	468	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-08-10-201106	USMPDI-026SC-B-10-12-201106	USMPDI-026SC-B-12-14-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	298	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	488	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	2650	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	409	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	103	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	295	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	84.3	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	341	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	810	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	387	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	758	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	182	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	1140	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	125	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	131	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	183	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	22	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-08-10-201106	USMPDI-026SC-B-10-12-201106	USMPDI-026SC-B-12-14-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	222	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	379	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	291	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	729	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	378	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	531	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	54.5	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	237	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	86.5	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	1640	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	628	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	4.3 U	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	276	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-08-10-201106	USMPDI-026SC-B-10-12-201106	USMPDI-026SC-B-12-14-201106
				11/6/2020	11/6/2020	11/6/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			83 U	75 U	70 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			83 U	75 U	70 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-026SC-B	USMPDI-026SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-08-10-201106	USMPDI-026SC-B-10-12-201106	USMPDI-026SC-B-12-14-201106
				11/6/2020	11/6/2020	11/6/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622586.187	7622586.187	7622586.187
				706621.989	706621.989	706621.989
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	--
Aroclor 1221	SW8082A			--	--	--
Aroclor 1232	SW8082A			--	--	--
Aroclor 1242	SW8082A			--	--	--
Aroclor 1248	SW8082A			--	--	--
Aroclor 1254	SW8082A			--	--	--
Aroclor 1260	SW8082A			--	--	--
Aroclor 1262	SW8082A			--	--	--
Aroclor 1268	SW8082A			--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	279	--
Motor oil range hydrocarbons	NWTPHDx			--	379	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.55 J	3.13 UJ	2.83 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-027SC-A	USMPDI-027SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-14-16-201106	USMPDI-027SC-A-01-02-201106	USMPDI-027SC-A-02-03-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.0804 J	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.6	0.058	0.062
Total Solids	SM2540G			67.5	88.1	81.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.71	--	--
Cadmium	SW6020B			0.0785 J	--	--
Chromium	SW6020B			25.8	--	--
Copper	SW6020B			26.2	--	--
Lead	SW6020B			4.8	--	--
Manganese	SW6020B			558	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-027SC-A	USMPDI-027SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-14-16-201106	USMPDI-027SC-A-01-02-201106	USMPDI-027SC-A-02-03-201106
				11/6/2020	11/6/2020	11/6/2020
				14 - 16 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622586.187	7622652.076	7622652.076
				706621.989	706673.616	706673.616
Vanadium	SW6020B			89.3	--	--
Zinc	SW6020B			56.1	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			47.1 U	--	--
1,2-Dichloroethene, cis-	SW8260D			47.1 U	--	--
Benzene	SW8260D			18.8 U	--	--
Chlorobenzene	SW8260D		320	47.1 U	--	--
Ethylbenzene	SW8260D			47.1 U	--	--
m,p-Xylene	SW8260D			94.2 U	--	--
o-Xylene	SW8260D			47.1 U	--	--
Tetrachloroethene (PCE)	SW8260D			47.1 U	--	--
Toluene	SW8260D			94.2 U	--	--
Trichloroethene (TCE)	SW8260D			47.1 U	--	--
Vinyl chloride	SW8260D			47.1 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				94.2 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				94.2 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	3.2	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	0.5 J	--
Pentachlorophenol	SW8270E			144 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	3.1 U	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	4.1	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-027SC-A	USMPDI-027SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-14-16-201106	USMPDI-027SC-A-01-02-201106	USMPDI-027SC-A-02-03-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	1.2 J	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	3.1 U	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			16.7	--	75.9 U
2-Methylnaphthalene	SW8270ESIM			--	3.1 U	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			12.8 J	--	128
Acenaphthene	SW8270ESIM			--	6.3 U	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			10.8 J	--	48.9 J
Acenaphthylene	SW8270ESIM			--	1.2 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			28.9	--	81.7
Anthracene	SW8270ESIM			--	3.1 U	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			35	--	554
Benzo(a)anthracene	SW8270ESIM			--	14.9	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			38.3	--	866
Benzo(a)pyrene	SW8270ESIM			--	39	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			36.7	--	644
Benzo(b)fluoranthene	SW8270ESIM			--	13.3	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-027SC-A	USMPDI-027SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-14-16-201106	USMPDI-027SC-A-01-02-201106	USMPDI-027SC-A-02-03-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	27.3	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			14.7	--	549
Benzo(g,h,i)perylene	SW8270ESIM			--	97.6	--
Benzo(j)fluoranthene	SW8270ESIM			--	8.3	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			13.8 J	--	228 J
Benzo(k)fluoranthene	SW8270ESIM			--	6.6	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	3.1 UJ	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	3.1 U	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			30.3	--	650
Chrysene	SW8270ESIM			--	18.7	--
Decalin, cis-	SW8270ESIM			--	3.1 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	3.1 UJ	--
Dibenzo(a,h)anthracene	SW8270E			14.4 U	--	55.7 J
Dibenzo(a,h)anthracene	SW8270ESIM			--	2.5 J	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	0.3 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	5.4	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			73.9	--	1580
Fluoranthene	SW8270ESIM			--	54.5	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			30.3	--	141
Fluorene	SW8270ESIM			--	3.7 U	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-027SC-A	USMPDI-027SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-14-16-201106	USMPDI-027SC-A-01-02-201106	USMPDI-027SC-A-02-03-201106
				11/6/2020	11/6/2020	11/6/2020
				14 - 16 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622586.187	7622652.076	7622652.076
				706621.989	706673.616	706673.616
Indeno(1,2,3-c,d)pyrene	SW8270E			16.1	--	464
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	23.8	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	42.5	--	96.3
Naphthalene	SW8270ESIM		140000	--	3.1 U	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	24	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			75.7	--	1540
Phenanthrene	SW8270ESIM			--	72.8	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			61	--	1800
Pyrene	SW8270ESIM			--	87	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				50.5 JT	28 T	872 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	54.4 JT	47 JT	1100 JT
PH-ROD Total HPAH (U = 1/2 max limit)				327 JT	370 JT	7400 JT
PH-ROD Total LPAH (U = 1/2 max limit)				218 JT	84 JT	2070 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		545 JT	450 JT	9500 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	6.7	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	0.5 J	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	3.1 U	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	3.1 U	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	3.7	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	15	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	4.6	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-027SC-A	USMPDI-027SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-14-16-201106	USMPDI-027SC-A-01-02-201106	USMPDI-027SC-A-02-03-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	1.5 J	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	2.1 J	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	16.7	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	2.9 J	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	3.1 U	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	3.1 U	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	3.1 U	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	3.5	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	4.4	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	4.1	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	4.3	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	3.1 U	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	9.2	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	3.1 U	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	0.3 J	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	3.1 U	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	3.1 U	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-027SC-A	USMPDI-027SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-14-16-201106	USMPDI-027SC-A-01-02-201106	USMPDI-027SC-A-02-03-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	1.9 J	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	2.1 J	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	2.9 J	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	11.7	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	3.1 U	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	4.9	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	3.1 U	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	3.1 U	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	0.7 J	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	5	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	5.2	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	3.1 U	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	1.5 J	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.93 U	2.25 U	2.39 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.93 U	2.25 U	2.39 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.93 U	2.25 U	2.39 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.93 U	2.25 U	2.39 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.93 U	2.25 U	2.39 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.93 U	2.25 U	2.39 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-027SC-A	USMPDI-027SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-14-16-201106	USMPDI-027SC-A-01-02-201106	USMPDI-027SC-A-02-03-201106
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
				11/6/2020	11/6/2020	11/6/2020
				14 - 16 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622586.187	7622652.076	7622652.076
				706621.989	706673.616	706673.616
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.93 UT	2.25 UT	2.39 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.93 UT	2.25 UT	2.39 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.93 UT	2.25 UT	2.39 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.93 UT	2.25 UT	2.39 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.93 UT	2.25 UT	2.39 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.93 UT	2.25 UT	2.39 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			73 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			73 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.0000488 U	0.0000571 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.0000841 U	0.000101 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000109 U	0.000109 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000107 U	0.000111 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000125 U	0.000124 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.00196 J	0.00111 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.0239	0.0132
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.000128	0.0000571 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.000157 J	0.000101 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0014	0.000176
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.00492	0.0025
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0000325 U	0.0000384 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0000293 U	0.0000606 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0000257 U	0.0000544 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.000151 J	0.0000634 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0000584 U	0.0000583 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0000996 U	0.000105 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0000669 U	0.0000658 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.000334 J	0.000358 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.000106 U	0.000120 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0000586 U	0.000372 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0000325 U	0.0000384 U
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0000914 J	0.000108 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-026SC-B	USMPDI-027SC-A	USMPDI-027SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-026SC-B-14-16-201106	USMPDI-027SC-A-01-02-201106	USMPDI-027SC-A-02-03-201106
				11/6/2020	11/6/2020	11/6/2020
				14 - 16 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622586.187	7622652.076	7622652.076
				706621.989	706673.616	706673.616
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000320 J	0.000369
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00062	0.000738 J
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.000141 JT	0.000159 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.000137 JT	0.000145 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.000146 JT	0.000141 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.0271 JT	0.0156 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.72 U	4.42 U	4.76 U
Aroclor 1221	SW8082A			5.72 U	4.42 U	4.76 U
Aroclor 1232	SW8082A			5.72 U	4.42 U	4.76 U
Aroclor 1242	SW8082A			5.72 U	4.42 U	4.76 U
Aroclor 1248	SW8082A			5.72 U	4.42 U	4.76 U
Aroclor 1254	SW8082A			5.72 U	4.42 U	4.76 U
Aroclor 1260	SW8082A			5.72 U	4.42 U	4.06 J
Aroclor 1262	SW8082A			5.72 U	4.42 U	4.76 U
Aroclor 1268	SW8082A			5.72 U	4.42 U	4.76 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.72 UT	4.42 UT	23.1 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	56.3 U	--
Motor oil range hydrocarbons	NWTPHDx			--	113 U	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.88 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-A	USMPDI-027SC-A	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-A-03-04-201106	USMPDI-027SC-A-04-05-201106	USMPDI-027SC-B-00-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	0.24
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.082	0.049	--
Total Solids	SM2540G			78.8	90.5	82.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	2.88
Cadmium	SW6020B			--	--	0.0860 J
Chromium	SW6020B			--	--	15.3
Copper	SW6020B			--	--	27.7
Lead	SW6020B			--	--	2.98
Manganese	SW6020B			--	--	408

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-A	USMPDI-027SC-A	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-A-03-04-201106	USMPDI-027SC-A-04-05-201106	USMPDI-027SC-B-00-02-201106
				11/6/2020	11/6/2020	11/6/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
Vanadium	SW6020B			--	--	60.5
Zinc	SW6020B			--	--	46.4
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	37.2 U
1,2-Dichloroethene, cis-	SW8260D			--	--	37.2 U
Benzene	SW8260D			--	--	14.9 U
Chlorobenzene	SW8260D		320	--	--	37.2 U
Ethylbenzene	SW8260D			--	--	37.2 U
m,p-Xylene	SW8260D			--	--	74.5 U
o-Xylene	SW8260D			--	--	37.2 U
Tetrachloroethene (PCE)	SW8260D			--	--	37.2 U
Toluene	SW8260D			--	--	74.5 U
Trichloroethene (TCE)	SW8260D			--	--	37.2 U
Vinyl chloride	SW8260D			--	--	37.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	74.5 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	74.5 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	115 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-A	USMPDI-027SC-A	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-A-03-04-201106	USMPDI-027SC-A-04-05-201106	USMPDI-027SC-B-00-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			4.95	2.64 U	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			34.5	4.71	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			4.48	2.64 U	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			7.59	2.64 U	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			16.2	1.61 J	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			23.1	2.64	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			18.4	2.38 J	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-A	USMPDI-027SC-A	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-A-03-04-201106	USMPDI-027SC-A-04-05-201106	USMPDI-027SC-B-00-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			13	2.34 J	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			6.34 J	2.64 U	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			17.8	1.78 J	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3.04 U	2.64 U	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			44.5	3.76	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			8.97	1.59 J	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-A	USMPDI-027SC-A	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-A-03-04-201106	USMPDI-027SC-A-04-05-201106	USMPDI-027SC-B-00-02-201106
				11/6/2020	11/6/2020	11/6/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
Indeno(1,2,3-c,d)pyrene	SW8270E			10.8	2.05 J	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	22.4	3.3	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			76.7	31.1	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			51.3	4.94	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				24.7 JT	3.70 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	29.2 JT	4.58 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				203 JT	24.1 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				160 T	44.7 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		363 JT	68.8 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-A	USMPDI-027SC-A	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-A-03-04-201106	USMPDI-027SC-A-04-05-201106	USMPDI-027SC-B-00-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-A	USMPDI-027SC-A	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-A-03-04-201106	USMPDI-027SC-A-04-05-201106	USMPDI-027SC-B-00-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.39 U	2.13 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			2.39 U	2.13 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			2.39 U	2.13 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			2.39 U	2.13 U	--
4,4'-DDE (p,p'-DDE)	SW8081B			2.39 U	2.13 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			2.39 U	2.13 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-A	USMPDI-027SC-A	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-A-03-04-201106	USMPDI-027SC-A-04-05-201106	USMPDI-027SC-B-00-02-201106
				11/6/2020	11/6/2020	11/6/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.39 UT	2.13 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.39 UT	2.13 UT	--
PH-ROD Sum DDD (U = 1/2 max limit)				2.39 UT	2.13 UT	--
PH-ROD Sum DDE (U = 1/2 max limit)				2.39 UT	2.13 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				2.39 UT	2.13 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.39 UT	2.13 UT	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	59 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	59 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000480 U	0.0000460 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000110 U	0.000105 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000960 U	0.000113 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000973 U	0.000114 U	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000110 U	0.000121 U	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000740 J	0.000199 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0179	0.00267 J	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000157	0.0000460 U	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000110 U	0.000105 U	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000589	0.000179	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00184	0.000199 U	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000248 U	0.0000227 U	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000384 U	0.0000389 U	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000319 U	0.0000362 U	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000397 U	0.0000290 U	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000396 U	0.0000268 U	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000326 J	0.0000467 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000441 U	0.0000311 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000153 J	0.0000576 U	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000718 U	0.0000647 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0000800 U	0.000113 U	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0000248 U	0.0000227 U	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000384 U	0.0000389 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-A	USMPDI-027SC-A	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-A-03-04-201106	USMPDI-027SC-A-04-05-201106	USMPDI-027SC-B-00-02-201106
				11/6/2020	11/6/2020	11/6/2020
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00014	0.0000467 U	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000153	0.0000647 U	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000132 JT	0.000124 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000127 JT	0.000123 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000125 JT	0.000109 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0192 JT	0.00325 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.69 U	4.24 U	--
Aroclor 1221	SW8082A			4.69 U	4.24 U	--
Aroclor 1232	SW8082A			4.69 U	4.24 U	--
Aroclor 1242	SW8082A			4.69 U	4.24 U	--
Aroclor 1248	SW8082A			4.69 U	4.24 U	--
Aroclor 1254	SW8082A			4.69 U	4.24 U	--
Aroclor 1260	SW8082A			4.69 U	4.24 U	--
Aroclor 1262	SW8082A			4.69 U	4.24 U	--
Aroclor 1268	SW8082A			4.69 U	4.24 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.69 UT	4.24 UT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	2.38 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-02-04-201106	USMPDI-027SC-B-04-06-201106	USMPDI-027SC-B-06-08-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.0735 J	0.111 U	0.110 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	1.2
Total Solids	SM2540G			80.7	89.5 T	66
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.05	2.97 T	5.01
Cadmium	SW6020B			0.124 U	0.114 UT	0.109 J
Chromium	SW6020B			16.8	15.8 T	25.3
Copper	SW6020B			16.4	16.1 T	27.2
Lead	SW6020B			2.74	2.43 T	4.19
Manganese	SW6020B			393	410 T	606

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-02-04-201106	USMPDI-027SC-B-04-06-201106	USMPDI-027SC-B-06-08-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
Vanadium	SW6020B			68.3	67.3 T	95.9
Zinc	SW6020B			47.4	45.4 T	58.3
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			37.6 U	32.6 UT	53.3 U
1,2-Dichloroethene, cis-	SW8260D			37.6 U	32.6 UT	53.3 U
Benzene	SW8260D			15.0 U	13.0 UT	21.3 U
Chlorobenzene	SW8260D		320	37.6 U	32.6 UT	53.3 U
Ethylbenzene	SW8260D			37.6 U	32.6 UT	53.3 U
m,p-Xylene	SW8260D			75.1 U	65.2 UT	107 U
o-Xylene	SW8260D			37.6 U	32.6 UT	53.3 U
Tetrachloroethene (PCE)	SW8260D			37.6 U	32.6 UT	53.3 U
Toluene	SW8260D			75.1 U	65.2 UT	107 U
Trichloroethene (TCE)	SW8260D			37.6 U	32.6 UT	53.3 U
Vinyl chloride	SW8260D			37.6 U	32.6 UT	53.3 U
PH-ROD Total BTEX (U = 1/2 max limit)				75.1 UT	65.2 UT	107 UT
PH-ROD Total Xylene (U = 1/2 max limit)				75.1 UT	65.2 UT	107 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			3.4 U	3.1 UT	4.0 U
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			0.6 J	3.1 UJT	0.5 J
Pentachlorophenol	SW8270E			29.4 U	26.7 UT	36.8 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			1.0 U	3.1 UJT	1.0 U
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			3.8	3.1 UT	0.8 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-02-04-201106	USMPDI-027SC-B-04-06-201106	USMPDI-027SC-B-06-08-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			1.3 J	0.4 JT	0.4 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			0.40 U	3.1 UJT	4.0 U
2-Methylantracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			1.4 U	0.70 UJT	1.2 U
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			10.1 U	2.8 JT	12.5 U
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			1.1 J	0.4 JT	0.5 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			2.0 U	0.1 JT	1.0 U
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			14.9	3.1 UT	2.0 J
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			20.3	1.6 JT	2.5 J
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			11.8	0.9 JT	2.0 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-02-04-201106	USMPDI-027SC-B-04-06-201106	USMPDI-027SC-B-06-08-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
Benzo(e)pyrene	SW8270ESIM			12.2	0.85 JT	1.8 J
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			16.7	2.5 JT	2.5 J
Benzo(j)fluoranthene	SW8270ESIM			7.8	0.6 JT	1.2 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			7.3	3.1 UT	1.1 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			0.3 J	3.1 UJT	4.0 UJ
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			3.4 U	3.1 UT	4.0 U
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			19.9	0.8 JT	2.4 J
Decalin, cis-	SW8270ESIM			3.4 UJ	3.1 UJT	4.0 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			3.4 UJ	3.1 UJT	4.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			2.1 J	3.1 UT	4.0 U
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			0.5 J	3.1 UT	0.5 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			5.1	1.4 JT	0.8 J
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			49.7	1.9 JT	6.7
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			4.0 U	0.9 JT	1.9 U
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-02-04-201106	USMPDI-027SC-B-04-06-201106	USMPDI-027SC-B-06-08-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			13.2	1.0 JT	2.4 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	3.6 U	0.70 UJT	1.6 U
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			17.9	8.0 T	200
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			60	15.5 T	10.0 U
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			59.2	2.0 JT	8.9
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				27 T	3.1 JT	4.3 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	26 JT	3.5 JT	5.2 JT
PH-ROD Total HPAH (U = 1/2 max limit)				220 JT	16 JT	34 JT
PH-ROD Total LPAH (U = 1/2 max limit)				72 JT	20 JT	15 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		290 JT	36 JT	48 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			7.6	0.5 JT	1.4 J
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			0.8 J	0.4 JT	4.0 U
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			2.2 J	3.1 UT	4.0 U
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			3.2 J	0.4 JT	4.0 U
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			14.4	3.1 UT	2.3 J
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			4	1.1 JT	4.0 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-02-04-201106	USMPDI-027SC-B-04-06-201106	USMPDI-027SC-B-06-08-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			1.6 J	0.95 JT	1.6 J
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			1.8 J	3.1 UT	4.0 U
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			15.8	1.0 JT	2.8 J
C2-Benzanthracenes/Chrysenes	SW8270ESIM			2.4 J	3.1 UT	4.0 U
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C2-Dibenz(a,h)anthracenes	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			2.8 J	3.1 UT	4.0 U
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			5.3	3.1 UT	4.0 U
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			3.4 U	0.5 JT	4.0 U
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			3.5	2.3 JT	4
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			10.1	3.1 UT	4.0 U
C3-Benzanthracenes/Chrysenes	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C3-Dibenz(a,h)anthracenes	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-02-04-201106	USMPDI-027SC-B-04-06-201106	USMPDI-027SC-B-06-08-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			2.1 J	3.1 UT	4.0 U
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			2.8 J	3.1 UT	4.0 U
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			6.5	2.7 JT	4.0 U
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			5.7	3.1 UT	4.0 U
C4-Benzanthracenes/Chrysenes	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			1.0 J	3.1 UT	4.0 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			3.0 J	3.1 UT	4.0 U
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			4.9	3.1 UT	4.0 U
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			3.4 U	3.1 UT	4.0 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			2.3 J	3.1 UT	4.0 U
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	2.93 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	2.93 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	2.93 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	2.93 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	2.93 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	2.93 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-02-04-201106	USMPDI-027SC-B-04-06-201106	USMPDI-027SC-B-06-08-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	2.93 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	2.93 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	2.93 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	2.93 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	2.93 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	2.93 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			63 U	56 UT	73 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			63 U	56 UT	73 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-02-04-201106	USMPDI-027SC-B-04-06-201106	USMPDI-027SC-B-06-08-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	6.03 U
Aroclor 1221	SW8082A			--	--	6.03 U
Aroclor 1232	SW8082A			--	--	6.03 U
Aroclor 1242	SW8082A			--	--	6.03 U
Aroclor 1248	SW8082A			--	--	6.03 U
Aroclor 1254	SW8082A			--	--	6.03 U
Aroclor 1260	SW8082A			--	--	6.03 U
Aroclor 1262	SW8082A			--	--	6.03 U
Aroclor 1268	SW8082A			--	--	6.03 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	6.03 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			61.3 U	55.7 UT	73.2 U
Motor oil range hydrocarbons	NWTPHDx			123 U	111 UT	146 U
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.46 UJ	2.23 UJT	2.92 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-08-10-201106	USMPDI-027SC-B-10-12-201106	USMPDI-027SC-B-12-14-201106
				USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.112 U	0.117 U	0.0750 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.056	0.047	0.22
Total Solids	SM2540G			88.4	83.1	80
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.31	3.17	3.82
Cadmium	SW6020B			0.0621 J	0.118 U	0.130 U
Chromium	SW6020B			18	18	22.5
Copper	SW6020B			17.1	17.1	21.2
Lead	SW6020B			2.65	2.68	3.29
Manganese	SW6020B			451	352	776

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-08-10-201106	USMPDI-027SC-B-10-12-201106	USMPDI-027SC-B-12-14-201106
				11/6/2020	11/6/2020	11/6/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
Vanadium	SW6020B			74	75.2	85.7
Zinc	SW6020B			46.5	47.8	53.8
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			42.3 U	31.8 U	39.2 U
1,2-Dichloroethene, cis-	SW8260D			42.3 U	31.8 U	39.2 U
Benzene	SW8260D			16.9 U	12.7 U	15.7 U
Chlorobenzene	SW8260D		320	42.3 U	31.8 U	39.2 U
Ethylbenzene	SW8260D			42.3 U	31.8 U	39.2 U
m,p-Xylene	SW8260D			84.6 U	63.6 U	78.3 U
o-Xylene	SW8260D			42.3 U	31.8 U	39.2 U
Tetrachloroethene (PCE)	SW8260D			42.3 U	31.8 U	39.2 U
Toluene	SW8260D			84.6 U	63.6 U	78.3 U
Trichloroethene (TCE)	SW8260D			42.3 U	31.8 U	39.2 U
Vinyl chloride	SW8260D			42.3 U	31.8 U	39.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				84.6 UT	63.6 UT	78.3 UT
PH-ROD Total Xylene (U = 1/2 max limit)				84.6 UT	63.6 UT	78.3 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			3.1 U	4.0 U	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			3.1 U	4.0 UJ	--
Pentachlorophenol	SW8270E			27.2 U	29.5 U	29.5 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			0.30 U	4.0 UJ	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			3.1 U	4.0 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-08-10-201106	USMPDI-027SC-B-10-12-201106	USMPDI-027SC-B-12-14-201106
				11/6/2020	11/6/2020	11/6/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			3.1 U	4.0 U	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			3.1 U	4.0 UJ	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	11
2-Methylnaphthalene	SW8270ESIM			3.1 U	4.0 UJ	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	2.95 U
Acenaphthene	SW8270ESIM			6.5 U	2.4 J	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	2.95 U
Acenaphthylene	SW8270ESIM			0.3 J	4.0 UJ	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	2.95 U
Anthracene	SW8270ESIM			0.20 U	4.0 U	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	2.95 U
Benzo(a)anthracene	SW8270ESIM			3.1 U	4.0 U	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	2.95 U
Benzo(a)pyrene	SW8270ESIM			0.7 J	4.0 U	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	2.95 U
Benzo(b)fluoranthene	SW8270ESIM			3.1 U	4.0 U	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-08-10-201106	USMPDI-027SC-B-10-12-201106	USMPDI-027SC-B-12-14-201106
				11/6/2020	11/6/2020	11/6/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
Benzo(e)pyrene	SW8270ESIM			0.5 J	0.5 J	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	2.95 U
Benzo(g,h,i)perylene	SW8270ESIM			0.7 J	1.3 J	--
Benzo(j)fluoranthene	SW8270ESIM			3.1 U	4.0 U	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	2.95 U
Benzo(k)fluoranthene	SW8270ESIM			3.1 U	4.0 U	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			3.1 UJ	4.0 UJ	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			3.1 U	4.0 U	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	2.95 U
Chrysene	SW8270ESIM			0.7 J	0.6 J	--
Decalin, cis-	SW8270ESIM			3.1 UJ	4.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			3.1 UJ	4.0 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	2.95 U
Dibenzo(a,h)anthracene	SW8270ESIM			3.1 U	4.0 U	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			3.1 U	4.0 U	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			3.1 U	4.0 U	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	2.95 U
Fluoranthene	SW8270ESIM			1.4 J	1.4 J	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	1.89 J
Fluorene	SW8270ESIM			0.70 U	4.0 U	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-08-10-201106	USMPDI-027SC-B-10-12-201106	USMPDI-027SC-B-12-14-201106
				11/6/2020	11/6/2020	11/6/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	2.95 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			0.5 J	0.5 J	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	4.62 J
Naphthalene	SW8270ESIM		140000	0.50 U	4.0 UJ	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			16.7	15	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	3.43
Phenanthrene	SW8270ESIM			2.2 U	2.6 J	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	2.95 U
Pyrene	SW8270ESIM			1.7 U	1.7 J	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.1 UT	4.0 UT	2.95 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.6 JT	4.5 JT	2.95 UT
PH-ROD Total HPAH (U = 1/2 max limit)				13 JT	18 JT	2.95 UT
PH-ROD Total LPAH (U = 1/2 max limit)				6.9 JT	15 JT	25.4 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		20 JT	33 JT	40.1 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			3.1 U	4.0 U	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			3.1 U	4.0 U	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			3.1 U	4.0 U	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			3.1 U	4.0 U	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			3.1 U	4.0 U	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			3.1 U	4.0 U	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			3.1 U	4.0 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-08-10-201106	USMPDI-027SC-B-10-12-201106	USMPDI-027SC-B-12-14-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			0.8 J	0.6 J	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			3.1 U	4.0 U	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			3.1 U	1.1 J	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			3.1 U	4.0 U	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			3.1 U	4.0 U	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			3.1 U	4.0 U	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			3.1 U	4.0 U	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			3.1 U	4.0 U	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			3.1 U	4.0 U	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			3.1 U	4.0 U	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			3.1 U	1.0 J	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			3.1 U	4.0 U	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			3.1 U	4.0 U	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			3.1 U	4.0 U	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			3.1 U	4.0 U	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			3.1 U	4.0 U	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			3.1 U	4.0 U	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-08-10-201106	USMPDI-027SC-B-10-12-201106	USMPDI-027SC-B-12-14-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			3.1 U	4.0 U	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			3.1 U	4.0 U	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			3.1 U	4.0 U	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			3.1 U	4.0 U	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			3.1 U	4.0 U	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			3.1 U	4.0 U	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			3.1 U	4.0 U	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			3.1 U	4.0 U	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			3.1 U	4.0 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			3.1 U	4.0 U	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			3.1 U	4.0 U	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			3.1 U	4.0 U	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			3.1 U	4.0 U	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.20 U	2.36 U	2.35 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.20 U	2.36 U	2.35 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.20 U	2.36 U	2.35 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.20 U	2.36 U	2.35 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.20 U	2.36 U	2.35 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.20 U	2.36 U	2.35 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-08-10-201106	USMPDI-027SC-B-10-12-201106	USMPDI-027SC-B-12-14-201106
				11/6/2020	11/6/2020	11/6/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.20 UT	2.36 UT	2.35 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.20 UT	2.36 UT	2.35 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.20 UT	2.36 UT	2.35 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.20 UT	2.36 UT	2.35 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.20 UT	2.36 UT	2.35 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.20 UT	2.36 UT	2.35 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			57 U	63 U	64 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			57 U	63 U	64 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-027SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-08-10-201106	USMPDI-027SC-B-10-12-201106	USMPDI-027SC-B-12-14-201106
				11/6/2020	11/6/2020	11/6/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622652.076	7622652.076	7622652.076
				706673.616	706673.616	706673.616
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.51 U	4.75 U	4.81 U
Aroclor 1221	SW8082A			4.51 U	4.75 U	4.81 U
Aroclor 1232	SW8082A			4.51 U	4.75 U	4.81 U
Aroclor 1242	SW8082A			4.51 U	4.75 U	4.81 U
Aroclor 1248	SW8082A			4.51 U	4.75 U	4.81 U
Aroclor 1254	SW8082A			4.51 U	4.75 U	4.81 U
Aroclor 1260	SW8082A			4.51 U	4.75 U	4.81 U
Aroclor 1262	SW8082A			4.51 U	4.75 U	4.81 U
Aroclor 1268	SW8082A			4.51 U	4.75 U	4.81 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.51 UT	4.75 UT	4.81 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			56.8 U	61.8 U	--
Motor oil range hydrocarbons	NWTPHDx			114 U	124 U	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.27 UJ	2.45 U	2.52 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-14-16-201106	USMPDI-027SC-B-16-17.3-201106	USMPDI-034SC-A-01-02-201106
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			33	--	--
Plastic limit	D4318			24	--	--
Plasticity index	D4318			9	--	--
Specific gravity	D854			2.7	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.0927 J	-- R	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			45.2	--	--
Total organic carbon	SM5310BM			0.37	0.052	1.3
Total Solids	SM2540G			70.7	74.4	62.3
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			64.1	--	--
Total fines (Reported, not calculated)	D6913			35.9	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			37	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--
Percent passing 425 micron sieve (#40)	D6913			97	--	--
Percent passing 250 micron sieve (#60)	D6913			58	--	--
Percent passing 150 micron sieve (#100)	D6913			38	--	--
Percent passing 75 micron sieve (#200)	D6913			36	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.59	3.11	--
Cadmium	SW6020B			0.0729 J	0.136 U	--
Chromium	SW6020B			20.7	20	--
Copper	SW6020B			20	17.1	--
Lead	SW6020B			3.1	2.6	--
Manganese	SW6020B			1100	381	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-14-16-201106	USMPDI-027SC-B-16-17.3-201106	USMPDI-034SC-A-01-02-201106
				USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-034SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			79.3	76	--
Zinc	SW6020B			50	47.5	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			40.9 U	40.7 U	--
1,2-Dichloroethene, cis-	SW8260D			40.9 U	40.7 U	--
Benzene	SW8260D			16.4 U	16.3 U	--
Chlorobenzene	SW8260D		320	40.9 U	40.7 U	--
Ethylbenzene	SW8260D			40.9 U	40.7 U	--
m,p-Xylene	SW8260D			81.9 U	81.4 U	--
o-Xylene	SW8260D			40.9 U	40.7 U	--
Tetrachloroethene (PCE)	SW8260D			40.9 U	40.7 U	--
Toluene	SW8260D			81.9 U	81.4 U	--
Trichloroethene (TCE)	SW8260D			40.9 U	40.7 U	--
Vinyl chloride	SW8260D			40.9 U	40.7 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				81.9 UT	81.4 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				81.9 UT	81.4 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	777
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	143 J
Pentachlorophenol	SW8270E			33.0 U	32.7 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	244 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	1140

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-14-16-201106	USMPDI-027SC-B-16-17.3-201106	USMPDI-034SC-A-01-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	239
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	244 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			1.92 J	3.03 J	--
2-Methylnaphthalene	SW8270ESIM			--	--	467 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2.43 J	1.77 J	--
Acenaphthene	SW8270ESIM			--	--	1870 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.30 U	3.27 U	--
Acenaphthylene	SW8270ESIM			--	--	272 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3.30 U	3.27 U	--
Anthracene	SW8270ESIM			--	--	3060
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3.30 U	3.27 U	--
Benzo(a)anthracene	SW8270ESIM			--	--	5640
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			3.30 U	1.86 J	--
Benzo(a)pyrene	SW8270ESIM			--	--	8730
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			1.82 J	2.01 J	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	4400
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-14-16-201106	USMPDI-027SC-B-16-17.3-201106	USMPDI-034SC-A-01-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	5040
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			3.30 U	1.87 J	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	6150
Benzo(j)fluoranthene	SW8270ESIM			--	--	2910
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.30 U	3.27 U	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	2660
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	101 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	22.7 U
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			1.72 J	1.84 J	--
Chrysene	SW8270ESIM			--	--	6580
Decalin, cis-	SW8270ESIM			--	--	22.7 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	18.2 J
Dibenzo(a,h)anthracene	SW8270E			3.30 U	3.27 U	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	865
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	149
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	1080
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			4.6	4.02	--
Fluoranthene	SW8270ESIM			--	--	19300
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3.30 U	3.27 U	--
Fluorene	SW8270ESIM			--	--	1500
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-14-16-201106	USMPDI-027SC-B-16-17.3-201106	USMPDI-034SC-A-01-02-201106
				11/6/2020	11/6/2020	11/6/2020
				14 - 16 ft	16 - 17.3 ft	1 - 2 ft
				N	N	N
				7622652.076	7622652.076	7622757.396
				706673.616	706673.616	706577.652
Indeno(1,2,3-c,d)pyrene	SW8270E			3.30 U	3.27 U	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	4280
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	1.80 J	3.77	--
Naphthalene	SW8270ESIM		140000	--	--	1200 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	2070
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			7.72	6.75	--
Phenanthrene	SW8270ESIM			--	--	20700
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			5.63	5.46	--
Pyrene	SW8270ESIM			--	--	24100
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.47 JT	3.65 JT	10000 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3.83 JT	4.04 JT	11000 T
PH-ROD Total HPAH (U = 1/2 max limit)				23.7 JT	23.6 JT	86000 T
PH-ROD Total LPAH (U = 1/2 max limit)				18.8 JT	20.2 JT	29000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		42.5 JT	43.8 JT	110000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	2460
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	85.4
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	585
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	775
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	1010
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	5570
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	1260

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-14-16-201106	USMPDI-027SC-B-16-17.3-201106	USMPDI-034SC-A-01-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				11/6/2020	11/6/2020	11/6/2020
				14 - 16 ft	16 - 17.3 ft	1 - 2 ft
				N	N	N
				7622652.076	7622652.076	7622757.396
				706673.616	706673.616	706577.652
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	648
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	535
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	5190
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1070
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	199
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	688
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	252
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	788
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1620
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	1020
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	1340
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	309
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	2460
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	414
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	427
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	400
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	80
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-14-16-201106	USMPDI-027SC-B-16-17.3-201106	USMPDI-034SC-A-01-02-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	512
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	899
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	712
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	2220
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	538
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1270
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	179
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	515
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	215
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1350
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	1340
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	59
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	376
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.68 U	2.68 U	15.6 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.68 U	2.68 U	15.6 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.68 U	2.68 U	15.6 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.68 U	2.68 U	9.81 J
4,4'-DDE (p,p'-DDE)	SW8081B			2.68 U	2.68 U	15.6 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.68 U	2.68 U	15.6 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-14-16-201106	USMPDI-027SC-B-16-17.3-201106	USMPDI-034SC-A-01-02-201106
				11/6/2020	11/6/2020	11/6/2020
				14 - 16 ft	16 - 17.3 ft	1 - 2 ft
				N	N	N
				7622652.076	7622652.076	7622757.396
				706673.616	706673.616	706577.652
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.68 UT	2.68 UT	15.6 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.68 UT	2.68 UT	25.4 JT
PH-ROD Sum DDD (U = 1/2 max limit)				2.68 UT	2.68 UT	17.6 JT
PH-ROD Sum DDE (U = 1/2 max limit)				2.68 UT	2.68 UT	15.6 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.68 UT	2.68 UT	15.6 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.68 UT	2.68 UT	48.8 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			68 U	67 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			68 U	67 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000342 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000894 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00112 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.009
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00329
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.167
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	2
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00476 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00988 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0757
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.379
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.025
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0214
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.0145
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0401
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0107
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00130 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00386
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0543
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00639
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.0831
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0822 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0764

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-027SC-B	USMPDI-027SC-B	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-027SC-B-14-16-201106	USMPDI-027SC-B-16-17.3-201106	USMPDI-034SC-A-01-02-201106
				11/6/2020	11/6/2020	11/6/2020
				14 - 16 ft	16 - 17.3 ft	1 - 2 ft
				N	N	N
				7622652.076	7622652.076	7622757.396
				706673.616	706673.616	706577.652
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.11
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.13
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.050 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.018 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.019 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	2.4 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.33 U	5.07 U	6.21 U
Aroclor 1221	SW8082A			5.33 U	5.07 U	6.21 U
Aroclor 1232	SW8082A			5.33 U	5.07 U	6.21 U
Aroclor 1242	SW8082A			5.33 U	5.07 U	5.68 J
Aroclor 1248	SW8082A			5.33 U	5.07 U	6.21 U
Aroclor 1254	SW8082A			5.33 U	5.07 U	11.3 J
Aroclor 1260	SW8082A			5.33 U	5.07 U	10.1 J
Aroclor 1262	SW8082A			5.33 U	5.07 U	6.21 U
Aroclor 1268	SW8082A			5.33 U	5.07 U	6.21 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.33 UT	5.07 UT	45.7 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	344
Motor oil range hydrocarbons	NWTPHDx			--	--	451
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.72 U	2.64 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SC-A	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-02-03-201106	USMPDI-034SC-A-03-04-201106	USMPDI-034SC-A-04-05-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.39	0.028	0.03
Total Solids	SM2540G			68.9	89.5	89.2
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SC-A	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-02-03-201106	USMPDI-034SC-A-03-04-201106	USMPDI-034SC-A-04-05-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SC-A	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-02-03-201106	USMPDI-034SC-A-03-04-201106	USMPDI-034SC-A-04-05-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			84.3 U	1.76 J	2.58 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			299	17.8	4.21
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			48.1 J	3.68	2.58 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			99.3	3.37	2.58 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			355	14.6	3.74
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			679	22.7	5.75
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			509	16.8	4.5
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SC-A	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-02-03-201106	USMPDI-034SC-A-03-04-201106	USMPDI-034SC-A-04-05-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			530	16.1	3.82
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			148 J	6.14 J	1.55 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			428	18	4.11
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			84.3 U	1.63 J	2.58 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			1570	33.5	10.1
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			123	3.87	1.39 J
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SC-A	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-02-03-201106	USMPDI-034SC-A-03-04-201106	USMPDI-034SC-A-04-05-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
Indeno(1,2,3-c,d)pyrene	SW8270E			390	13	3.06
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	150	5.18	2.58 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			1880	46.3	18.8
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			1980	56.7	14.8
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				657 JT	22.9 JT	6.05 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	850 JT	28.8 JT	8.19 JT
PH-ROD Total HPAH (U = 1/2 max limit)				6600 JT	199 JT	52.7 JT
PH-ROD Total LPAH (U = 1/2 max limit)				2600 JT	82.0 JT	29.6 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		9300 JT	281 JT	82.3 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SC-A	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-02-03-201106	USMPDI-034SC-A-03-04-201106	USMPDI-034SC-A-04-05-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SC-A	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-02-03-201106	USMPDI-034SC-A-03-04-201106	USMPDI-034SC-A-04-05-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.89 U	2.12 U	2.18 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.89 U	2.12 U	2.18 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.89 U	2.12 U	2.18 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.89 U	2.12 U	2.18 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.89 U	2.12 U	2.18 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.89 U	2.12 U	2.18 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SC-A	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-02-03-201106	USMPDI-034SC-A-03-04-201106	USMPDI-034SC-A-04-05-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.89 UT	2.12 UT	2.18 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.89 UT	2.12 UT	2.18 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.89 UT	2.12 UT	2.18 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.89 UT	2.12 UT	2.18 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.89 UT	2.12 UT	2.18 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.89 UT	2.12 UT	2.18 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000267 U	0.0000258 U	0.0000246 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000406 U	0.0000640 U	0.000238 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000681 U	0.0000837 U	0.0000361 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000304 J	0.0000830 U	0.000117 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000195 J	0.0000961 U	0.000341 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00528	0.000799 J	0.00139 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0816	0.0108	0.0111
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000535 J	0.0000258 U	0.0000246 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00108 J	0.0000640 U	0.000175 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0037	0.000736 J	0.00291 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0137	0.00205	0.00375
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000244 J	0.0000175 U	0.0000241 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000568 J	0.0000257 U	0.0000460 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000477 J	0.0000227 U	0.0000390 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000925 J	0.000137 J	0.0000577 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000623 J	0.0000495 J	0.0000330 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000857 J	0.0000428 U	0.0000541 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000266 J	0.0000302 U	0.0000369 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00486	0.000156 J	0.0000490 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000207 J	0.0000545 U	0.0000497 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00357 J	0.000311 J	0.0000512 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00186 J	0.0000175 U	0.0000241 U
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00393 J	0.0000257 U	0.0000460 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-A	USMPDI-034SC-A	USMPDI-034SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-A-02-03-201106	USMPDI-034SC-A-03-04-201106	USMPDI-034SC-A-04-05-201106
				11/6/2020	11/6/2020	11/6/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00541	0.000246 J	0.0000958 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00912	0.000339	0.0000497 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00109 JT	0.0000996 JT	0.000216 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000589 JT	0.0000995 JT	0.000171 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000590 JT	0.0000982 JT	0.000216 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0993 JT	0.0125 JT	0.0133 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.71 U	4.23 U	4.37 U
Aroclor 1221	SW8082A			5.71 U	4.23 U	4.37 U
Aroclor 1232	SW8082A			5.71 U	4.23 U	4.37 U
Aroclor 1242	SW8082A			5.71 U	4.23 U	4.37 U
Aroclor 1248	SW8082A			5.71 U	4.23 U	4.37 U
Aroclor 1254	SW8082A			5.71 U	4.23 U	4.37 U
Aroclor 1260	SW8082A			5.71 U	4.23 U	4.37 U
Aroclor 1262	SW8082A			5.71 U	4.23 U	4.37 U
Aroclor 1268	SW8082A			5.71 U	4.23 U	4.37 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.71 UT	4.23 UT	4.37 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-00-02-201106	USMPDI-034SC-B-02-04-201106	USMPDI-034SC-B-04-06-201106
				11/6/2020	11/6/2020	11/6/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			43.9 J	0.420 J	0.111 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			56.1	70	89.6
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.29	2.58	2.68
Cadmium	SW6020B			0.161 J	0.141 U	0.114 U
Chromium	SW6020B			20.5	14.5	15
Copper	SW6020B			29.4	17.6	16.3
Lead	SW6020B			11.2	5.45	2.55
Manganese	SW6020B			435	258	286

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-00-02-201106	USMPDI-034SC-B-02-04-201106	USMPDI-034SC-B-04-06-201106
				11/6/2020	11/6/2020	11/6/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
Vanadium	SW6020B			63	53.7	65
Zinc	SW6020B			76.6	45.1	45.2
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			62.3 U	41.2 U	32.7 U
1,2-Dichloroethene, cis-	SW8260D			62.3 U	41.2 U	32.7 U
Benzene	SW8260D			24.9 U	16.5 U	13.1 U
Chlorobenzene	SW8260D		320	62.3 U	41.2 U	32.7 U
Ethylbenzene	SW8260D			62.3 U	41.2 U	32.7 U
m,p-Xylene	SW8260D			125 U	82.3 U	65.3 U
o-Xylene	SW8260D			62.3 U	41.2 U	32.7 U
Tetrachloroethene (PCE)	SW8260D			62.3 U	41.2 U	32.7 U
Toluene	SW8260D			125 U	82.3 U	65.3 U
Trichloroethene (TCE)	SW8260D			62.3 U	41.2 U	32.7 U
Vinyl chloride	SW8260D			62.3 U	41.2 U	32.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				125 UT	82.3 UT	65.3 UT
PH-ROD Total Xylene (U = 1/2 max limit)				125 UT	82.3 UT	65.3 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	34.1	3.6 U
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	8.1 J	0.6 J
Pentachlorophenol	SW8270E			883 U	142 U	27.6 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	12.5 J	2.7 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	41.9	2.9 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-00-02-201106	USMPDI-034SC-B-02-04-201106	USMPDI-034SC-B-04-06-201106
				11/6/2020	11/6/2020	11/6/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	11	1.3 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	10.3 J	0.7 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	20.3 J	1.7 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	113 J	31.3 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	13.7 J	1.1 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	33.8	2.5 J
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	183	9.6
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	324	8.9
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	178	5.1
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-00-02-201106	USMPDI-034SC-B-02-04-201106	USMPDI-034SC-B-04-06-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	204	5.4
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	372	9.2
Benzo(j)fluoranthene	SW8270ESIM			--	103	3.9
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	102	2.9 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	4.3 J	3.6 UJ
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	4.5 U	3.6 U
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	238	9
Decalin, cis-	SW8270ESIM			--	4.5 UJ	3.6 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	4.5 UJ	3.6 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	34.5	0.6 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	6.6	1.1 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	59.4	5.2
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	679	24.3
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	44.8	4.4
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-00-02-201106	USMPDI-034SC-B-02-04-201106	USMPDI-034SC-B-04-06-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	236	4.9
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	73.6 J	4.7 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	143	27
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	787	89.5
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	850	48.9
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	383 T	12 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	419 T	11 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	3300 T	130 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	1090 JT	140 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	4400 JT	260 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	82.1	4.5
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	6.3	1.9 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	38.9	3.6 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	30.9	1.2 J
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	42.6	3.1 J
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	183	11.6
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	42.7	5.9

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-00-02-201106	USMPDI-034SC-B-02-04-201106	USMPDI-034SC-B-04-06-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	27.8	3.5 J
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	33.6	3.6 U
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	185	14
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	36.9	2.4 J
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	19.5	4.3
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	41.6	3.6 U
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	10	3.6 U
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	35.7	2.1 J
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	54.2	3.5 J
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	40.8	3.9
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	67.6	7.9
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	11.6	3.6 U
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	103	7
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	23.1	1.0 J
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	32.2	3.6 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	23.3	3.6 U
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	6.9	3.6 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-00-02-201106	USMPDI-034SC-B-02-04-201106	USMPDI-034SC-B-04-06-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	24.4	1.2 J
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	29.7	2.4 J
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	31.9	2.6 J
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	84.9	7.5
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	4.5 U	3.6 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	58.1	3.4 J
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	16.6	0.5 J
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	47.8	3.6 U
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	12.7	0.6 J
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	56	3.6 U
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	44.7	4.7
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	4.5 U	3.6 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	23.9	1.4 J
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-00-02-201106	USMPDI-034SC-B-02-04-201106	USMPDI-034SC-B-04-06-201106
				11/6/2020	11/6/2020	11/6/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			85 U	68 U	56 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			85 U	68 U	56 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-00-02-201106	USMPDI-034SC-B-02-04-201106	USMPDI-034SC-B-04-06-201106
				11/6/2020	11/6/2020	11/6/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	--
Aroclor 1221	SW8082A			--	--	--
Aroclor 1232	SW8082A			--	--	--
Aroclor 1242	SW8082A			--	--	--
Aroclor 1248	SW8082A			--	--	--
Aroclor 1254	SW8082A			--	--	--
Aroclor 1260	SW8082A			--	--	--
Aroclor 1262	SW8082A			--	--	--
Aroclor 1268	SW8082A			--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	68.6 U	55.6 U
Motor oil range hydrocarbons	NWTPHDx			--	137 U	111 U
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.45 U	2.74 U	2.22 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-06-08-201106	USMPDI-034SC-B-08-10-201106	USMPDI-034SC-B-10-12-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	NP
Plastic limit	D4318			--	--	NP
Plasticity index	D4318			--	--	NP
Specific gravity	D854			--	--	2.69
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.122 UJT	0.114 UJ	0.128 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	27.7
Total organic carbon	SM5310BM			0.033 T	0.035	0.038
Total Solids	SM2540G			79.8 T	84.9	76.8
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	90.7
Total fines (Reported, not calculated)	D6913			--	--	9.3
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	10
Percent passing 850 micron sieve (#20)	D6913			--	--	100
Percent passing 425 micron sieve (#40)	D6913			--	--	97
Percent passing 250 micron sieve (#60)	D6913			--	--	35
Percent passing 150 micron sieve (#100)	D6913			--	--	12
Percent passing 75 micron sieve (#200)	D6913			--	--	9.3
Metals (mg/kg)						
Arsenic	SW6020B			2.78 T	3.08	3.57
Cadmium	SW6020B			0.125 UT	0.116 U	0.0908 J
Chromium	SW6020B			15.7 T	14.8	18.7
Copper	SW6020B			16.2 T	16.2	20.6
Lead	SW6020B			2.55 T	2.75	3.17
Manganese	SW6020B			254 T	248	309

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-06-08-201106	USMPDI-034SC-B-08-10-201106	USMPDI-034SC-B-10-12-201106
				11/6/2020	11/6/2020	11/6/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
Vanadium	SW6020B			67.3 T	67	80.4
Zinc	SW6020B			46.2 T	46	57.9
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			32.7 UT	38.9 U	41.0 U
1,2-Dichloroethene, cis-	SW8260D			32.7 UT	38.9 U	41.0 U
Benzene	SW8260D			13.1 UT	15.5 U	16.4 U
Chlorobenzene	SW8260D		320	32.7 UT	38.9 U	41.0 U
Ethylbenzene	SW8260D			32.7 UT	38.9 U	41.0 U
m,p-Xylene	SW8260D			65.4 UT	77.7 U	82.1 U
o-Xylene	SW8260D			32.7 UT	38.9 U	41.0 U
Tetrachloroethene (PCE)	SW8260D			32.7 UT	38.9 U	41.0 U
Toluene	SW8260D			65.4 UT	77.7 U	82.1 U
Trichloroethene (TCE)	SW8260D			32.7 UT	38.9 U	41.0 U
Vinyl chloride	SW8260D			32.7 UT	38.9 U	41.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				65.4 UT	77.7 UT	82.1 UT
PH-ROD Total Xylene (U = 1/2 max limit)				65.4 UT	77.7 UT	82.1 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			4.0 UT	3.8 U	4.2 U
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			4.0 UJT	3.8 UJ	4.2 UJ
Pentachlorophenol	SW8270E			29.1 UT	29.0 U	31.6 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			4.0 UJT	3.8 UJ	4.2 UJ
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			1.6 JT	3.8 U	4.2 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-06-08-201106	USMPDI-034SC-B-08-10-201106	USMPDI-034SC-B-10-12-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			4.0 UT	0.4 J	4.2 U
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			4.0 UJT	3.8 UJ	4.2 UJ
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			0.5 JT	3.8 UJ	4.2 UJ
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			4.8 JT	8.3 J	2.4 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			0.9 JT	0.4 J	4.2 UJ
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			1.7 JT	3.8 U	4.2 U
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			6.00 JT	3.8 U	4.2 U
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			7.55 JT	3.8 U	0.9 J
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			4.3 JT	3.8 U	0.7 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-06-08-201106	USMPDI-034SC-B-08-10-201106	USMPDI-034SC-B-10-12-201106
				11/6/2020	11/6/2020	11/6/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
Benzo(e)pyrene	SW8270ESIM			5.2 JT	3.8 U	0.7 J
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			7.90 JT	0.5 J	2.2 J
Benzo(j)fluoranthene	SW8270ESIM			2.7 JT	3.8 U	4.2 U
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			2.6 JT	3.8 U	4.2 U
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			4.0 UJT	3.8 UJ	4.2 UJ
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			4.0 UT	3.8 U	4.2 U
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			5.5 JT	3.8 U	1.1 J
Decalin, cis-	SW8270ESIM			4.0 UJT	3.8 UJ	4.2 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			4.0 UJT	3.8 UJ	4.2 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			1.3 JT	3.8 U	4.2 U
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			4.0 UT	3.8 U	4.2 U
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			2.2 JT	3.8 U	4.2 U
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			21.2 T	3.8 U	2.1 J
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1.8 JT	1.6 J	4.2 U
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-06-08-201106	USMPDI-034SC-B-08-10-201106	USMPDI-034SC-B-10-12-201106
				11/6/2020	11/6/2020	11/6/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			5.1 JT	3.8 U	0.7 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	4.0 UJT	3.8 UJ	4.2 UJ
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			3.4 JT	2.2 J	1.4 J
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			24.9 T	6	2.6 J
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			28.4 T	3.8 U	2.6 J
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				9.6 JT	3.8 UT	4.9 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	10 JT	3.8 UT	3.4 JT
PH-ROD Total HPAH (U = 1/2 max limit)				92 JT	20 JT	19 JT
PH-ROD Total LPAH (U = 1/2 max limit)				37 JT	22 JT	16 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		130 JT	42 JT	34 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			2.6 JT	3.8 U	4.2 U
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			4.0 UT	0.5 J	4.2 U
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			1.5 JT	3.8 U	4.2 U
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			6.45 JT	3.8 U	4.2 U
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			2.4 JT	0.7 J	4.2 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-06-08-201106	USMPDI-034SC-B-08-10-201106	USMPDI-034SC-B-10-12-201106
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/6/2020	11/6/2020	11/6/2020
C1-Naphthalenes	SW8270ESIM			6 - 8 ft	8 - 10 ft	10 - 12 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622757.396	7622757.396	7622757.396
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706577.652	706577.652	706577.652
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			4.0 UT	3.8 U	4.2 U
C2-Benzo(b)thiophene	SW8270ESIM			0.9 JT	0.9 J	0.6 J
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			7.45 JT	3.8 U	4.2 U
C2-Decalins	SW8270ESIM			1.6 JT	3.8 U	4.2 U
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			4.0 UT	3.8 U	4.2 U
C2-Dibenzothiophenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			2.1 JT	3.8 U	4.2 U
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			3.4 JT	3.3 J	4.2 U
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			3.8 JT	3.8 U	4.2 U
C3-Benzanthracenes/Chrysenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C3-Dibenz(a,h)anthracenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-06-08-201106	USMPDI-034SC-B-08-10-201106	USMPDI-034SC-B-10-12-201106
				11/6/2020	11/6/2020	11/6/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
C3-Dibenzothiophenes	SW8270ESIM			1.0 JT	3.8 U	4.2 U
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			1.4 JT	3.8 U	4.2 U
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			5.5 T	3.8 U	4.2 U
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			1.5 JT	3.8 U	4.2 U
C4-Benzanthracenes/Chrysenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			5.5 T	3.8 U	4.2 U
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			4.0 UT	3.8 U	4.2 U
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.45 UT	2.30 U	2.49 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.45 UT	2.30 U	2.49 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.45 UT	2.30 U	2.49 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.45 UT	2.30 U	2.49 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.45 UT	2.30 U	2.49 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.45 UT	2.30 U	2.49 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-06-08-201106	USMPDI-034SC-B-08-10-201106	USMPDI-034SC-B-10-12-201106
				11/6/2020	11/6/2020	11/6/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.45 UT	2.30 UT	2.49 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.45 UT	2.30 UT	2.49 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.45 UT	2.30 UT	2.49 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.45 UT	2.30 UT	2.49 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.45 UT	2.30 UT	2.49 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.45 UT	2.30 UT	2.49 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			64 UT	59 U	66 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			64 UT	59 U	66 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-034SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-06-08-201106	USMPDI-034SC-B-08-10-201106	USMPDI-034SC-B-10-12-201106
				11/6/2020	11/6/2020	11/6/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622757.396	7622757.396	7622757.396
				706577.652	706577.652	706577.652
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.67 UT	4.58 U	4.88 U
Aroclor 1221	SW8082A			4.67 UT	4.58 U	4.88 U
Aroclor 1232	SW8082A			4.67 UT	4.58 U	4.88 U
Aroclor 1242	SW8082A			2.43 JT	4.58 U	4.88 U
Aroclor 1248	SW8082A			4.67 UT	4.58 U	4.88 U
Aroclor 1254	SW8082A			4.67 UT	4.58 U	4.88 U
Aroclor 1260	SW8082A			4.67 UT	4.58 U	4.88 U
Aroclor 1262	SW8082A			4.67 UT	4.58 U	4.88 U
Aroclor 1268	SW8082A			4.67 UT	4.58 U	4.88 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	21.1 JT	4.58 UT	4.88 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			62.2 UT	59.3 U	63.4 U
Motor oil range hydrocarbons	NWTPHDx			124 UT	119 U	127 U
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.48 UT	2.36 UJ	2.54 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-12-14-201106	USMPDI-034SC-B-14-16-201106	USMPDI-038SC-A-11-12-201103
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.121 U	0.121 U	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.035	0.037	2.5
Total Solids	SM2540G			82.6	82.2	58.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.18	2.97	--
Cadmium	SW6020B			0.0610 J	0.119 U	--
Chromium	SW6020B			16.8	13.3	--
Copper	SW6020B			16.3	14.9	--
Lead	SW6020B			2.85	2.28	--
Manganese	SW6020B			262	264	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-12-14-201106	USMPDI-034SC-B-14-16-201106	USMPDI-038SC-A-11-12-201103
				USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			70.8	58.9	--
Zinc	SW6020B			53.9	41.5	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			37.4 U	36.7 U	--
1,2-Dichloroethene, cis-	SW8260D			37.4 U	36.7 U	--
Benzene	SW8260D			14.9 U	14.7 U	--
Chlorobenzene	SW8260D		320	37.4 U	36.7 U	--
Ethylbenzene	SW8260D			37.4 U	36.7 U	--
m,p-Xylene	SW8260D			74.7 U	73.3 U	--
o-Xylene	SW8260D			37.4 U	36.7 U	--
Tetrachloroethene (PCE)	SW8260D			37.4 U	36.7 U	--
Toluene	SW8260D			74.7 U	73.3 U	--
Trichloroethene (TCE)	SW8260D			37.4 U	36.7 U	--
Vinyl chloride	SW8260D			37.4 U	36.7 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				74.7 UT	73.3 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				74.7 UT	73.3 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	1050
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	51.5 J
Pentachlorophenol	SW8270E			29.3 U	28.8 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	2700 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	3770

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-12-14-201106	USMPDI-034SC-B-14-16-201106	USMPDI-038SC-A-11-12-201103
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/6/2020	11/6/2020	11/3/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			12 - 14 ft	14 - 16 ft	11 - 12 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622757.396	7622757.396	7622761.415
2-Methylanthracene	SW8270DMSIM			706577.652	706577.652	706446.846
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM					
2-Methylnaphthalene	SW8270E			2.93 U	2.88 U	--
2-Methylnaphthalene	SW8270ESIM			--	--	4090 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			4.1	2.88 U	--
Acenaphthene	SW8270ESIM			--	--	3510 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.93 U	2.88 U	--
Acenaphthylene	SW8270ESIM			--	--	352 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.93 U	2.88 U	--
Anthracene	SW8270ESIM			--	--	4280
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2.93 U	2.88 U	--
Benzo(a)anthracene	SW8270ESIM			--	--	4250
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			2.93 U	2.65 J	--
Benzo(a)pyrene	SW8270ESIM			--	--	3300
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.93 U	2.18 J	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	2000
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-12-14-201106	USMPDI-034SC-B-14-16-201106	USMPDI-038SC-A-11-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	2170
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.93 U	2.41 J	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	1190 J
Benzo(j)fluoranthene	SW8270ESIM			--	--	1440
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.93 U	2.88 U	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	1140
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	123 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	460
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2.93 U	2.88 U	--
Chrysene	SW8270ESIM			--	--	5150
Decalin, cis-	SW8270ESIM			--	--	49.9 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	49.9 UJ
Dibenzo(a,h)anthracene	SW8270E			2.93 U	2.88 U	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	409 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	487 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	3060
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			2.93 U	2.88 U	--
Fluoranthene	SW8270ESIM			--	--	10100
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.93 U	2.88 U	--
Fluorene	SW8270ESIM			--	--	3330
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-12-14-201106	USMPDI-034SC-B-14-16-201106	USMPDI-038SC-A-11-12-201103
				11/6/2020	11/6/2020	11/3/2020
				12 - 14 ft	14 - 16 ft	11 - 12 ft
				N	N	N
				7622757.396	7622757.396	7622761.415
				706577.652	706577.652	706446.846
Indeno(1,2,3-c,d)pyrene	SW8270E			2.93 U	1.92 J	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	1560 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.93 U	2.88 U	--
Naphthalene	SW8270ESIM		140000	--	--	1450 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	725 J
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			2.93 U	2.88 U	--
Phenanthrene	SW8270ESIM			--	--	24600
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2.93 U	2.88 U	--
Pyrene	SW8270ESIM			--	--	13200
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.93 UT	3.62 JT	4600 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.93 UT	4.66 JT	4500 JT
PH-ROD Total HPAH (U = 1/2 max limit)				2.93 UT	17.8 JT	44000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				12.9 T	2.88 UT	41600 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		27.5 T	27.9 JT	85000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	5630
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	497
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	717
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	970
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	5350
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	10100
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	4430

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-12-14-201106	USMPDI-034SC-B-14-16-201106	USMPDI-038SC-A-11-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	5770
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	333
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	20500
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	3650
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	1910
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	2390
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	535
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	4800
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	5890
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	4960
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	14500
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	1380
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	14000
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1870
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	2970
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	1290
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	179
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-12-14-201106	USMPDI-034SC-B-14-16-201106	USMPDI-038SC-A-11-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	2830
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	3810
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	3880
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	15200
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	677
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	7670
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	716
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	1860
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	1270
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1050
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	9410
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	55.5
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	3280
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.40 U	2.38 U	15.6 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.40 U	2.38 U	13.6 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.40 U	2.38 U	6.78 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.40 U	2.38 U	44
4,4'-DDE (p,p'-DDE)	SW8081B			2.40 U	2.38 U	28.4
4,4'-DDT (p,p'-DDT)	SW8081B			2.40 U	2.38 U	7.12 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-12-14-201106	USMPDI-034SC-B-14-16-201106	USMPDI-038SC-A-11-12-201103
				11/6/2020	11/6/2020	11/3/2020
				12 - 14 ft	14 - 16 ft	11 - 12 ft
				N	N	N
				7622757.396	7622757.396	7622761.415
				706577.652	706577.652	706446.846
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.40 UT	2.38 UT	15.6 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.40 UT	2.38 UT	76.0 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.40 UT	2.38 UT	51.8 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.40 UT	2.38 UT	35.2 T
PH-ROD Sum DDT (U = 1/2 max limit)				2.40 UT	2.38 UT	7.12 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.40 UT	2.38 UT	94.0 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			61 U	61 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			61 U	61 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.00118
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.00221 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00247
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0143
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00568
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.35
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	6.97
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.0160 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.0213 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.123
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.927
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.0893
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.138
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.0805
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.182
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0503
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00991
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0205
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.146
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0369
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.375
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.293 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.448 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-034SC-B-12-14-201106	USMPDI-034SC-B-14-16-201106	USMPDI-038SC-A-11-12-201103
				USMPDI-034SC-B	USMPDI-034SC-B	USMPDI-038SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.476
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.547
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.22 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.086 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.077 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	8.5 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.52 U	4.51 U	7.89 U
Aroclor 1221	SW8082A			4.52 U	4.51 U	6.71 U
Aroclor 1232	SW8082A			4.52 U	4.51 U	27.5 U
Aroclor 1242	SW8082A			4.52 U	4.51 U	11.6 U
Aroclor 1248	SW8082A			4.52 U	4.51 U	14.3 U
Aroclor 1254	SW8082A			4.52 U	4.51 U	16.9 J
Aroclor 1260	SW8082A			4.52 U	4.51 U	14.8 J
Aroclor 1262	SW8082A			4.52 U	4.51 U	6.71 U
Aroclor 1268	SW8082A			4.52 U	4.51 U	6.71 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.52 UT	4.51 UT	72.4 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	962
Motor oil range hydrocarbons	NWTPHDx			--	--	667
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.43 UJ	2.44 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-A	USMPDI-038SC-A	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-A-12-13-201103	USMPDI-038SC-A-13-14-201103	USMPDI-038SC-A-14-15-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.5	2.8	2.4
Total Solids	SM2540G			59.9	56.9	60
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-A	USMPDI-038SC-A	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-A-12-13-201103	USMPDI-038SC-A-13-14-201103	USMPDI-038SC-A-14-15-201103
				USMPDI-038SC-A-12-13-201103	USMPDI-038SC-A-13-14-201103	USMPDI-038SC-A-14-15-201103
				11/3/2020	11/3/2020	11/3/2020
				12 - 13 ft	13 - 14 ft	14 - 15 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-A	USMPDI-038SC-A	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-A-12-13-201103	USMPDI-038SC-A-13-14-201103	USMPDI-038SC-A-14-15-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2940	2180	2190
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			6490	3520	2810
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			969 U	599 U	550
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			6600	3170	2440
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			4410	3660	2030
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			6170	5310	2970
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			4620	3980	2310
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-A	USMPDI-038SC-A	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-A-12-13-201103	USMPDI-038SC-A-13-14-201103	USMPDI-038SC-A-14-15-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			4140	3680	1980
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			1750 J	1460 J	737 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			5490	4500	2480
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			389 J	378 J	233 J
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			14700	10300	6730
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			5880	2370	2360
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-A	USMPDI-038SC-A	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-A-12-13-201103	USMPDI-038SC-A-13-14-201103	USMPDI-038SC-A-14-15-201103
				11/3/2020	11/3/2020	11/3/2020
				12 - 13 ft	13 - 14 ft	14 - 15 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
Indeno(1,2,3-c,d)pyrene	SW8270E			3290	2860	1610
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	3510	2560	1510
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			27900	13500	11900
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			16500	11900	8510
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				6370 JT	5440 JT	3050 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	7810 JT	6800 JT	3810 JT
PH-ROD Total HPAH (U = 1/2 max limit)				61500 JT	48000 JT	29600 JT
PH-ROD Total LPAH (U = 1/2 max limit)				54000 T	27600 T	24000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		120000 JT	76000 JT	53000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-A	USMPDI-038SC-A	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-A-12-13-201103	USMPDI-038SC-A-13-14-201103	USMPDI-038SC-A-14-15-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/3/2020	11/3/2020	11/3/2020
C1-Naphthalenes	SW8270ESIM			12 - 13 ft	13 - 14 ft	14 - 15 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622761.415	7622761.415	7622761.415
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706446.846	706446.846	706446.846
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-A	USMPDI-038SC-A	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-A-12-13-201103	USMPDI-038SC-A-13-14-201103	USMPDI-038SC-A-14-15-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			20.2	18.4	53.5
2,4'-DDE (o,p'-DDE)	SW8081B			11.5 U	12.3 U	23.2 U
2,4'-DDT (o,p'-DDT)	SW8081B			6.60 U	7.01 U	6.55 U
4,4'-DDD (p,p'-DDD)	SW8081B			57.6	70.3	221
4,4'-DDE (p,p'-DDE)	SW8081B			20.8	23.5	29
4,4'-DDT (p,p'-DDT)	SW8081B			6.60 U	7.01 U	179

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-A	USMPDI-038SC-A	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-A-12-13-201103	USMPDI-038SC-A-13-14-201103	USMPDI-038SC-A-14-15-201103
				11/3/2020	11/3/2020	11/3/2020
				12 - 13 ft	13 - 14 ft	14 - 15 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				29.3 T	28.1 T	68.4 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				81.7 T	97.3 T	429 T
PH-ROD Sum DDD (U = 1/2 max limit)				77.8 T	88.7 T	275 T
PH-ROD Sum DDE (U = 1/2 max limit)				26.6 T	29.7 T	40.6 T
PH-ROD Sum DDT (U = 1/2 max limit)				6.60 UT	7.01 UT	182 T
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	111 T	125 T	497 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000907	0.000788	0.00198
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00155 J	0.000989 J	0.00190 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00271	0.00257	0.00298
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0156	0.0125	0.0173
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0064	0.00502	0.00713
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.532	0.407	0.933
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			10.8	7.41	15.6
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00982 J	0.00938 J	0.0152 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0174 J	0.0156 J	0.0215 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.151 J	0.132	0.171
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			1.38	1.09	2.67
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0482	0.0298	0.0845
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.121	0.0765	0.147
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0582	0.0356	0.0838
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.23	0.137	0.217
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0652	0.0429	0.0629
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00759	0.00505	0.00831
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0198	0.0147	0.0204
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.206	0.188	0.213
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0377	0.0276	0.045
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.48	0.467	0.527
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.157 J	0.105 J	0.267 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.356 J	0.231 J	0.471 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-A	USMPDI-038SC-A	USMPDI-038SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-A-12-13-201103	USMPDI-038SC-A-13-14-201103	USMPDI-038SC-A-14-15-201103
				USMPDI-038SC-A	USMPDI-038SC-A	USMPDI-038SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.524 J	0.375	0.524 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.652 J	0.586	0.66
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.16 JT	0.0989 JT	0.224 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.078 JT	0.0497 JT	0.0951 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.074 JT	0.0483 JT	0.0922 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				13 JT	8.86 JT	18.0 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.35 U	6.89 U	9.81 U
Aroclor 1221	SW8082A			6.35 U	6.89 U	9.33 U
Aroclor 1232	SW8082A			16.3 U	9.13 U	16.7 U
Aroclor 1242	SW8082A			7.94 U	6.89 U	14.8 U
Aroclor 1248	SW8082A			10.2 U	6.89 U	12.4 U
Aroclor 1254	SW8082A			15.8 J	12.6 J	30.2 U
Aroclor 1260	SW8082A			15.4 J	11.3 J	26.9
Aroclor 1262	SW8082A			6.35 U	6.89 U	6.43 U
Aroclor 1268	SW8082A			6.35 U	6.89 U	6.43 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	61.1 JT	49.1 JT	80.0 T
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-00-02-201103	USMPDI-038SC-B-02-04-201103	USMPDI-038SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			7.26	8	6.47
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.7	2.7	2.1
Total Solids	SM2540G			43.9	47.5	54.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.3	4.94	5.01
Cadmium	SW6020B			0.177 J	0.186 J	0.224
Chromium	SW6020B			25.1	28.7	31.5
Copper	SW6020B			36.2	42.4	44.1
Lead	SW6020B			9.78	12.7	15.3
Manganese	SW6020B			688	766	784

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-00-02-201103	USMPDI-038SC-B-02-04-201103	USMPDI-038SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
Vanadium	SW6020B			78.2	89.3	97.1
Zinc	SW6020B			82.5 J	97.4 J	107 J
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			97.4 UJ	127 UJ	63.6 UJ
1,2-Dichloroethene, cis-	SW8260D			97.4 U	127 U	63.6 U
Benzene	SW8260D			38.9 U	50.8 U	25.4 U
Chlorobenzene	SW8260D		320	97.4 U	127 U	63.6 U
Ethylbenzene	SW8260D			97.4 U	127 U	63.6 U
m,p-Xylene	SW8260D			195 U	254 U	127 U
o-Xylene	SW8260D			97.4 U	127 U	63.6 U
Tetrachloroethene (PCE)	SW8260D			97.4 U	127 U	63.6 U
Toluene	SW8260D			195 U	254 U	127 U
Trichloroethene (TCE)	SW8260D			97.4 U	127 U	63.6 U
Vinyl chloride	SW8260D			97.4 UJ	127 UJ	63.6 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				195 UT	254 UT	127 UT
PH-ROD Total Xylene (U = 1/2 max limit)				195 UT	254 UT	127 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	214	152
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	28.2 J	23.5 J
Pentachlorophenol	SW8270E			2200 U	513 U	455 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	34.7 J	33.8 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	147	141

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-00-02-201103	USMPDI-038SC-B-02-04-201103	USMPDI-038SC-B-04-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	27.5	29
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	54.0 J	46.8 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			220 U	--	--
2-Methylnaphthalene	SW8270ESIM			--	72.2 J	64.2 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			220 U	--	--
Acenaphthene	SW8270ESIM			--	220 J	278 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			220 U	--	--
Acenaphthylene	SW8270ESIM			--	93.9 J	69.2 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			126 J	--	--
Anthracene	SW8270ESIM			--	224	195
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			268	--	--
Benzo(a)anthracene	SW8270ESIM			--	1140	919
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			420	--	--
Benzo(a)pyrene	SW8270ESIM			--	1670	1170
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			348	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	1150	882
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-00-02-201103	USMPDI-038SC-B-02-04-201103	USMPDI-038SC-B-04-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	1140	779
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			320	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	916 J	621 J
Benzo(j)fluoranthene	SW8270ESIM			--	667	522
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			128 J	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	751	530
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	13.8 J	9.3 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	48.6	76.2
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			294	--	--
Chrysene	SW8270ESIM			--	1500	1170
Decalin, cis-	SW8270ESIM			--	24.9 UJ	24.8 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	24.9 UJ	24.8 UJ
Dibenzo(a,h)anthracene	SW8270E			220 U	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	185 J	144 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	30.3 J	56.4 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	125	101
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			573	--	--
Fluoranthene	SW8270ESIM			--	2560	2280
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			220 U	--	--
Fluorene	SW8270ESIM			--	146	216
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-00-02-201103	USMPDI-038SC-B-02-04-201103	USMPDI-038SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
Indeno(1,2,3-c,d)pyrene	SW8270E			261	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	971 J	693 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	220 U	--	--
Naphthalene	SW8270ESIM		140000	--	178 J	140 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	546 J	472 J
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			342	--	--
Phenanthrene	SW8270ESIM			--	1330	1450
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			583	--	--
Pyrene	SW8270ESIM			--	3120	2350
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				476 JT	2570 T	1900 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	620 JT	2200 JT	1600 JT
PH-ROD Total HPAH (U = 1/2 max limit)				3300 JT	15000 JT	11000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1020 JT	2300 JT	2400 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		4300 JT	17000 JT	14000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	24.9 U	699
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	17.7 J	10.9 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	24.9 U	24.8 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	205	170
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	149	132
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	1240	1010
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	126	127

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-00-02-201103	USMPDI-038SC-B-02-04-201103	USMPDI-038SC-B-04-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	93.4	82.5
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	159	145
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	675	654
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	392	363
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	26.7	29.1
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	84.6	75.3
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	41.1	101
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	189	155
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	474	477
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	156	157
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	162	142
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	149	123
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	540	533
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	179	168
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	24.9 U	24.8 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	74.7	57.6
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	24.8 J	15.2 J
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-00-02-201103	USMPDI-038SC-B-02-04-201103	USMPDI-038SC-B-04-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	151	148
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	322	283
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	166	156
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	192	180
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	110	92.7
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	368	329
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	79.2	55.3
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	119	124
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	82	78.7
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	367	196
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	176	124
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	20.6 J	24.8 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	158	127
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			4.53 U	4.16 U	4.11 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			4.53 U	4.16 U	3.57 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			4.53 U	4.16 U	3.57 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			4.30 J	9.32	15.1 J
4,4'-DDE (p,p'-DDE)	SW8081B			4.53 U	3.16 J	5.05 J
4,4'-DDT (p,p'-DDT)	SW8081B			4.53 U	4.16 U	3.57 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-00-02-201103	USMPDI-038SC-B-02-04-201103	USMPDI-038SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.53 UT	4.16 UT	4.11 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				8.83 JT	14.6 JT	21.9 JT
PH-ROD Sum DDD (U = 1/2 max limit)				6.57 JT	11.4 T	17.2 JT
PH-ROD Sum DDE (U = 1/2 max limit)				4.53 UT	5.24 JT	6.84 JT
PH-ROD Sum DDT (U = 1/2 max limit)				4.53 UT	4.16 UT	3.57 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	15.6 JT	20.8 JT	27.6 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			110 U	100 U	89 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			110 U	100 U	89 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-00-02-201103	USMPDI-038SC-B-02-04-201103	USMPDI-038SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			8.46 U	8.08 U	7.26 U
Aroclor 1221	SW8082A			8.46 U	8.08 U	7.26 U
Aroclor 1232	SW8082A			8.46 U	8.08 U	8.17 U
Aroclor 1242	SW8082A			8.46 U	8.08 U	4.37 J
Aroclor 1248	SW8082A			8.46 U	8.08 U	7.26 U
Aroclor 1254	SW8082A			6.24 J	9.39 J	10.7 U
Aroclor 1260	SW8082A			8.46 U	4.35 J	5.59 J
Aroclor 1262	SW8082A			8.46 U	8.08 U	7.26 U
Aroclor 1268	SW8082A			8.46 U	8.08 U	7.26 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	40.1 JT	42.0 JT	37.5 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	103 U	92.9 U
Motor oil range hydrocarbons	NWTPHDx			--	213	186 U
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.64 UJ	4.14 UJ	3.71 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-06-08-201103	USMPDI-038SC-B-08-10-201103	USMPDI-038SC-B-10-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			11.3	14.8	26.5
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.6	2.1	--
Total Solids	SM2540G			53.7	58.2	57.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.42	4.99	4.64
Cadmium	SW6020B			0.36	0.327	0.289
Chromium	SW6020B			32.7	32.8	26
Copper	SW6020B			55.3	49.3	39.1
Lead	SW6020B			26.5	30.6	22.9
Manganese	SW6020B			995	664	532

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-06-08-201103	USMPDI-038SC-B-08-10-201103	USMPDI-038SC-B-10-12-201103
				USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
				USMPDI-038SC-B-06-08-201103	USMPDI-038SC-B-08-10-201103	USMPDI-038SC-B-10-12-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
Vanadium	SW6020B			93.6	108	82.4
Zinc	SW6020B			138 J	148 J	137 J
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			70.8 UJ	58.6 UJ	63.7 UJ
1,2-Dichloroethene, cis-	SW8260D			70.8 U	58.6 U	63.7 U
Benzene	SW8260D			28.3 U	23.5 U	25.5 U
Chlorobenzene	SW8260D		320	70.8 U	58.6 U	63.7 U
Ethylbenzene	SW8260D			70.8 U	58.6 U	63.7 U
m,p-Xylene	SW8260D			142 U	117 U	127 U
o-Xylene	SW8260D			70.8 U	58.6 U	63.7 U
Tetrachloroethene (PCE)	SW8260D			70.8 U	58.6 U	63.7 U
Toluene	SW8260D			73.6 J	78.8 J	127 U
Trichloroethene (TCE)	SW8260D			70.8 U	58.6 U	63.7 U
Vinyl chloride	SW8260D			70.8 UJ	58.6 UJ	63.7 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				230 JT	208 JT	127 UT
PH-ROD Total Xylene (U = 1/2 max limit)				142 UT	117 UT	127 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			159	280	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			48.6 J	129 J	--
Pentachlorophenol	SW8270E			1810 U	1710 U	4290 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			50.2 J	222 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			142	471	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-06-08-201103	USMPDI-038SC-B-08-10-201103	USMPDI-038SC-B-10-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			33.3	156	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			79.1 J	327 J	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			119 J	490 J	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			235 J	2170 J	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			86.3 J	135 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			211	772	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			873	1690	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			965	1680	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			865	1300	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-06-08-201103	USMPDI-038SC-B-08-10-201103	USMPDI-038SC-B-10-12-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
Benzo(e)pyrene	SW8270ESIM			709	1130	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			520 J	795 J	--
Benzo(j)fluoranthene	SW8270ESIM			486	801	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			434	862	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			19.6 J	40.5 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			75.5	200	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1080	2030	--
Decalin, cis-	SW8270ESIM			24.8 UJ	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			24.8 UJ	25.0 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			121 J	190 J	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			82.2 J	737 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			94.6	364	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			2210	4740	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			191	1590	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-06-08-201103	USMPDI-038SC-B-08-10-201103	USMPDI-038SC-B-10-12-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			586 J	952 J	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	295 J	765 J	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			443 J	503 J	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			1360	5450	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			2370	4520	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1790 T	3000 T	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1320 JT	2300 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				11000 JT	20000 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				2500 JT	11000 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		13000 JT	31000 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			672	1420	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			30.9	58.6	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			116	305	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			153	236	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			119	398	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			1150	2160	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			135	585	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-06-08-201103	USMPDI-038SC-B-08-10-201103	USMPDI-038SC-B-10-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			153	625	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			126	203	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			619	2160	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			420	659	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			37.1	127	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			225	431	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			24.8 U	99.7	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			216	548	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			479	939	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			184	499	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			208	1100	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			171	219	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			564	1460	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			254	325	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			24.8 U	162	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			198	340	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			24.8 U	27.3	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-06-08-201103	USMPDI-038SC-B-08-10-201103	USMPDI-038SC-B-10-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			207	428	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			410	611	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			253	460	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			266	1110	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			122	121	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			498	1040	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			128	155	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			474	506	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			172	207	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			201	312	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			196	775	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			24.8 U	19.6 J	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			238	367	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			4.59 U	5.73 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			3.67 U	4.39 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.67 U	3.37 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			20.9	16.9	--
4,4'-DDE (p,p'-DDE)	SW8081B			6.57	8.28	--
4,4'-DDT (p,p'-DDT)	SW8081B			123	3.71 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-06-08-201103	USMPDI-038SC-B-08-10-201103	USMPDI-038SC-B-10-12-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.59 UT	5.73 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				150 T	27.0 T	--
PH-ROD Sum DDD (U = 1/2 max limit)				23.2 T	19.8 T	--
PH-ROD Sum DDE (U = 1/2 max limit)				8.40 T	10.5 T	--
PH-ROD Sum DDT (U = 1/2 max limit)				125 T	3.71 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	156 T	33.8 T	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			91 U	85 U	85 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			91 U	85 U	85 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-038SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-06-08-201103	USMPDI-038SC-B-08-10-201103	USMPDI-038SC-B-10-12-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622761.415	7622761.415	7622761.415
				706446.846	706446.846	706446.846
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.12 U	6.71 U	--
Aroclor 1221	SW8082A			7.12 U	6.71 U	--
Aroclor 1232	SW8082A			7.12 U	6.71 U	--
Aroclor 1242	SW8082A			3.85 J	15.8 J	--
Aroclor 1248	SW8082A			7.12 U	6.71 U	--
Aroclor 1254	SW8082A			11.6 U	33.6 J	--
Aroclor 1260	SW8082A			6.72 J	21.6 J	--
Aroclor 1262	SW8082A			7.12 U	6.71 U	--
Aroclor 1268	SW8082A			7.12 U	6.71 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	37.7 JT	91.1 JT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			216	236	--
Motor oil range hydrocarbons	NWTPHDx			436	332	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.61 UJ	3.43 UJ	7.32 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-12-14-201103	USMPDI-038SC-B-14-15.3-201103	USMPDI-039SC-A-01-02-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			13.6	64	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	0.67
Total Solids	SM2540G			60.1	59	67.2
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.13	5.4	--
Cadmium	SW6020B			0.315	0.425	--
Chromium	SW6020B			31.3	34.2	--
Copper	SW6020B			45.9	49.5	--
Lead	SW6020B			25.3	32.7	--
Manganese	SW6020B			667	555	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-12-14-201103	USMPDI-038SC-B-14-15.3-201103	USMPDI-039SC-A-01-02-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			11/3/2020	11/3/2020	11/4/2020
Zinc	SW6020B			12 - 14 ft	14 - 15.3 ft	1 - 2 ft
				N	N	N
				7622761.415	7622761.415	7622881.022
				706446.846	706446.846	706540.776
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	3.83 U	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			58.1 UJ	59.7 UJ	--
1,2-Dichloroethene, cis-	SW8260D			58.1 U	59.7 U	--
Benzene	SW8260D			23.2 U	23.9 U	--
Chlorobenzene	SW8260D		320	58.1 U	59.7 U	--
Ethylbenzene	SW8260D			58.1 U	59.7 U	--
m,p-Xylene	SW8260D			116 U	119 U	--
o-Xylene	SW8260D			58.1 U	59.7 U	--
Tetrachloroethene (PCE)	SW8260D			58.1 U	59.7 U	--
Toluene	SW8260D			116 U	95.6 J	--
Trichloroethene (TCE)	SW8260D			58.1 U	59.7 U	--
Vinyl chloride	SW8260D			58.1 UJ	59.7 UJ	--
PH-ROD Total BTEX (U = 1/2 max limit)				116 UT	227 JT	--
PH-ROD Total Xylene (U = 1/2 max limit)				116 UT	119 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			4070 U	4070 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-12-14-201103	USMPDI-038SC-B-14-15.3-201103	USMPDI-039SC-A-01-02-201104
				11/3/2020	11/3/2020	11/4/2020
				12 - 14 ft	14 - 15.3 ft	1 - 2 ft
				N	N	N
				7622761.415	7622761.415	7622881.022
				706446.846	706446.846	706540.776
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	178
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	1300
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	217 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	349
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	948
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	1130
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	870
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-12-14-201103	USMPDI-038SC-B-14-15.3-201103	USMPDI-039SC-A-01-02-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622761.415	7622761.415	7622881.022
				706446.846	706446.846	706540.776
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	732
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	340 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	1110
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	147 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	3960
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	943
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-12-14-201103	USMPDI-038SC-B-14-15.3-201103	USMPDI-039SC-A-01-02-201104
				11/3/2020	11/3/2020	11/4/2020
				12 - 14 ft	14 - 15.3 ft	1 - 2 ft
				N	N	N
				7622761.415	7622761.415	7622881.022
				706446.846	706446.846	706540.776
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	594
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	424
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	6180
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	4140
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	1200 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	1400 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	14000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	9500 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	23000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-12-14-201103	USMPDI-038SC-B-14-15.3-201103	USMPDI-039SC-A-01-02-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622761.415	7622761.415	7622881.022
				706446.846	706446.846	706540.776
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-12-14-201103	USMPDI-038SC-B-14-15.3-201103	USMPDI-039SC-A-01-02-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	4.46 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	4.76 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	2.97 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	13.9 J
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	4.76 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	2.97 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-12-14-201103	USMPDI-038SC-B-14-15.3-201103	USMPDI-039SC-A-01-02-201104
				11/3/2020	11/3/2020	11/4/2020
				12 - 14 ft	14 - 15.3 ft	1 - 2 ft
				N	N	N
				7622761.415	7622761.415	7622881.022
				706446.846	706446.846	706540.776
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	4.76 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	17.8 JT
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	16.1 JT
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	4.76 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	2.97 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	23.9 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			84 U	82 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			84 U	82 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000424 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.00235 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0084
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0116
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00662
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.369
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	4.72
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.0127 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.0502 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.376
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	1.37
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.0278
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0311
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.0227
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0503
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0146
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00180 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00712
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0479
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0138
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.128
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.109 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.121

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-038SC-B	USMPDI-038SC-B	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-038SC-B-12-14-201103	USMPDI-038SC-B-14-15.3-201103	USMPDI-039SC-A-01-02-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.145 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.157
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.0662 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.0301 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.0289 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	5.46 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	5.95 U
Aroclor 1221	SW8082A			--	--	5.95 U
Aroclor 1232	SW8082A			--	--	5.95 U
Aroclor 1242	SW8082A			--	--	8.47 J
Aroclor 1248	SW8082A			--	--	5.95 U
Aroclor 1254	SW8082A			--	--	10.1 J
Aroclor 1260	SW8082A			--	--	7.76 J
Aroclor 1262	SW8082A			--	--	5.95 U
Aroclor 1268	SW8082A			--	--	5.95 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	44.2 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			5.92 J	10.7 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SC-A	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-02-03-201104	USMPDI-039SC-A-03-04-201104	USMPDI-039SC-A-04-05-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.19	0.077 J	0.052 J
Total Solids	SM2540G			70	83.9	88.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SC-A	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-02-03-201104	USMPDI-039SC-A-03-04-201104	USMPDI-039SC-A-04-05-201104
				11/4/2020	11/4/2020	11/4/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622881.022	7622881.022	7622881.022
				706540.776	706540.776	706540.776
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SC-A	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-02-03-201104	USMPDI-039SC-A-03-04-201104	USMPDI-039SC-A-04-05-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			16.8 J	11.3 U	1.81 J
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			196	48	29.9
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			35.9	15.6	8.6
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			44.9	16.3	8.78
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			169	64.4	35
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			267	92.5	51.8
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			204	68.9	40.4
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SC-A	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-02-03-201104	USMPDI-039SC-A-03-04-201104	USMPDI-039SC-A-04-05-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			181	55.3	32.9
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			74.9 J	24.9 J	13.0 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			197	77.2	41.6
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			19.2 J	6.82 J	4.04
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			545	214	111
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			131	36.9	21.7
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SC-A	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-02-03-201104	USMPDI-039SC-A-03-04-201104	USMPDI-039SC-A-04-05-201104
				11/4/2020	11/4/2020	11/4/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622881.022	7622881.022	7622881.022
				706540.776	706540.776	706540.776
Indeno(1,2,3-c,d)pyrene	SW8270E			150	45.7	27.6
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	42.7	10.8 J	4.31
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			892	277	159
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			655	256	130
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				279 JT	93.8 JT	53.4 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	340 JT	118 JT	66.3 JT
PH-ROD Total HPAH (U = 1/2 max limit)				2500 JT	906 JT	490 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1360 JT	410 JT	234 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		3800 JT	1320 JT	720 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SC-A	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-02-03-201104	USMPDI-039SC-A-03-04-201104	USMPDI-039SC-A-04-05-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SC-A	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-02-03-201104	USMPDI-039SC-A-03-04-201104	USMPDI-039SC-A-04-05-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.79 U	2.26 U	2.21 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.79 U	2.26 U	2.21 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.79 U	2.26 U	2.21 U
4,4'-DDD (p,p'-DDD)	SW8081B			3.51 J	2.26 U	2.21 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.79 U	2.26 U	2.21 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.79 U	2.26 U	2.21 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SC-A	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-02-03-201104	USMPDI-039SC-A-03-04-201104	USMPDI-039SC-A-04-05-201104
				11/4/2020	11/4/2020	11/4/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622881.022	7622881.022	7622881.022
				706540.776	706540.776	706540.776
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.79 UT	2.26 UT	2.21 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				6.30 JT	2.26 UT	2.21 UT
PH-ROD Sum DDD (U = 1/2 max limit)				4.91 JT	2.26 UT	2.21 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.79 UT	2.26 UT	2.21 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.79 UT	2.26 UT	2.21 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	10.5 JT	2.26 UT	2.21 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000300 U	0.000363 U	0.000298 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000541 U	0.000508 U	0.000437 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000860 U	0.000599 U	0.000519 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000817 J	0.000590 J	0.000598 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000867 U	0.000584 J	0.000555 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0164	0.0113	0.00414
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.273	0.15	0.0653
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000300 U	0.000363 U	0.000298 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000541 U	0.000508 U	0.000437 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00544	0.00492 J	0.00141
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0405	0.0255	0.0113
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00201	0.000845	0.000449 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00271 J	0.00136 J	0.000386 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00163 J	0.000614 J	0.000193 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00539	0.00229 J	0.00114 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00183 J	0.000687 J	0.000352 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000206 J	0.000436 U	0.000376 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000547 J	0.000391 J	0.000289 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00629	0.00291	0.00119 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00143 J	0.000261 U	0.000215 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0153	0.00735	0.00293 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00578 J	0.00191 J	0.00118 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00881 J	0.00444 J	0.00131 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-A	USMPDI-039SC-A	USMPDI-039SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-A-02-03-201104	USMPDI-039SC-A-03-04-201104	USMPDI-039SC-A-04-05-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0150 J	0.00661 J	0.00263 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0181	0.00796	0.00343 J
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00532 JT	0.0025 JT	0.00130 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00262 JT	0.0014 JT	0.000849 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00248 JT	0.0014 JT	0.000824 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.329 JT	0.18 JT	0.0778 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.27 U	4.71 U	4.38 U
Aroclor 1221	SW8082A			5.27 U	4.71 U	4.38 U
Aroclor 1232	SW8082A			5.27 U	4.71 U	4.38 U
Aroclor 1242	SW8082A			5.27 U	4.71 U	4.38 U
Aroclor 1248	SW8082A			5.27 U	4.71 U	4.38 U
Aroclor 1254	SW8082A			3.08 J	4.71 U	4.38 U
Aroclor 1260	SW8082A			5.27 U	4.71 U	4.38 U
Aroclor 1262	SW8082A			5.27 U	4.71 U	4.38 U
Aroclor 1268	SW8082A			5.27 U	4.71 U	4.38 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	24.2 JT	4.71 UT	4.38 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-00-02-201104	USMPDI-039SC-B-02-04-201104	USMPDI-039SC-B-04-06-201104
				11/4/2020	11/4/2020	11/4/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622881.022	7622881.022	7622881.022
				706540.776	706540.776	706540.776
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			17.9 J	0.435 J	0.287 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.1 J	--	--
Total Solids	SM2540G			59.2	78.9	84.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.52	2.66	2.91
Cadmium	SW6020B			0.175	0.125 U	0.123 U
Chromium	SW6020B			21.5	14.3	14.3
Copper	SW6020B			28.7	16.5	16.2
Lead	SW6020B			13.3	4.21	4.45
Manganese	SW6020B			622	268	235

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-00-02-201104	USMPDI-039SC-B-02-04-201104	USMPDI-039SC-B-04-06-201104
				11/4/2020	11/4/2020	11/4/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622881.022	7622881.022	7622881.022
				706540.776	706540.776	706540.776
Vanadium	SW6020B			69.1	55.7	61.4
Zinc	SW6020B			85.9	47.6	47.6
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			57.8 U	33.2 U	38.2 U
1,2-Dichloroethene, cis-	SW8260D			57.8 U	33.2 U	38.2 U
Benzene	SW8260D			23.1 U	13.3 U	15.3 U
Chlorobenzene	SW8260D		320	57.8 U	33.2 U	38.2 U
Ethylbenzene	SW8260D			57.8 U	33.2 U	38.2 U
m,p-Xylene	SW8260D			116 U	66.3 U	76.4 U
o-Xylene	SW8260D			57.8 U	33.2 U	38.2 U
Tetrachloroethene (PCE)	SW8260D			57.8 U	33.2 U	38.2 U
Toluene	SW8260D			116 U	66.3 U	76.4 U
Trichloroethene (TCE)	SW8260D			57.8 U	33.2 U	38.2 U
Vinyl chloride	SW8260D			57.8 U	33.2 U	38.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				116 UT	66.3 UT	76.4 UT
PH-ROD Total Xylene (U = 1/2 max limit)				116 UT	66.3 UT	76.4 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	14.1	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	0.9 J	--
Pentachlorophenol	SW8270E			1620 U	30.2 U	115 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	1.6 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	21.7	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-00-02-201104	USMPDI-039SC-B-02-04-201104	USMPDI-039SC-B-04-06-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	5.5	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	2.2 J	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			224	--	--
2-Methylnaphthalene	SW8270ESIM			--	2.0 J	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			1440	--	--
Acenaphthene	SW8270ESIM			--	31.5	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			469	--	--
Acenaphthylene	SW8270ESIM			--	7.2 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			944	--	--
Anthracene	SW8270ESIM			--	10.5	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3630	--	--
Benzo(a)anthracene	SW8270ESIM			--	59.8	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			5770	--	--
Benzo(a)pyrene	SW8270ESIM			--	75.3	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			4990	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	45.6	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-00-02-201104	USMPDI-039SC-B-02-04-201104	USMPDI-039SC-B-04-06-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	51	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			3450	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	61.5 J	--
Benzo(j)fluoranthene	SW8270ESIM			--	32.6	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			1690 J	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	27.3	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	5.0 UJ	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	1.7 J	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			4280	--	--
Chrysene	SW8270ESIM			--	74.7	--
Decalin, cis-	SW8270ESIM			--	5.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	5.0 UJ	--
Dibenzo(a,h)anthracene	SW8270E			435	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	5.8 J	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	1.2 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	26.4	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			8800	--	--
Fluoranthene	SW8270ESIM			--	173 J	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			1050	--	--
Fluorene	SW8270ESIM			--	21.9	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-00-02-201104	USMPDI-039SC-B-02-04-201104	USMPDI-039SC-B-04-06-201104
				11/4/2020	11/4/2020	11/4/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622881.022	7622881.022	7622881.022
				706540.776	706540.776	706540.776
Indeno(1,2,3-c,d)pyrene	SW8270E			3040	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	40.1 J	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	625	--	--
Naphthalene	SW8270ESIM		140000	--	5.0 UJ	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	29.7	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			8280	--	--
Phenanthrene	SW8270ESIM			--	275 J	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			9950	--	--
Pyrene	SW8270ESIM			--	207 J	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				6680 JT	106 T	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	7390 JT	96 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				46000 JT	800 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				13000 T	350 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		59000 JT	1200 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	47.6	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	1.7 J	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	5.0 U	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	6.6	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	22.9	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	81.5	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	20.3	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-00-02-201104	USMPDI-039SC-B-02-04-201104	USMPDI-039SC-B-04-06-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	3.0 J	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	15.4	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	104	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	21.4	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	7	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	16.3	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	2.6 J	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	25.2	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	37.1	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	22.5	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	20.6	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	6.3	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	70.5	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	10.7	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	6.8	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	13.9	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	5.0 U	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-00-02-201104	USMPDI-039SC-B-02-04-201104	USMPDI-039SC-B-04-06-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	15.8	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	21	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	19.4	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	35.6	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	9.4	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	40	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	3.6 J	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	19.2	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	7.4	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	23.6	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	30	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	5.0 U	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	16	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			8.44 U	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			9.29 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.38 U	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			30.3	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			12.1	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			4.22 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-00-02-201104	USMPDI-039SC-B-02-04-201104	USMPDI-039SC-B-04-06-201104
				11/4/2020	11/4/2020	11/4/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622881.022	7622881.022	7622881.022
				706540.776	706540.776	706540.776
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				9.29 UT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				44.5 T	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				34.5 T	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				16.7 T	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				4.22 UT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	55.1 T	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			80 U	65 U	60 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			80 U	65 U	60 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-00-02-201104	USMPDI-039SC-B-02-04-201104	USMPDI-039SC-B-04-06-201104
				11/4/2020	11/4/2020	11/4/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622881.022	7622881.022	7622881.022
				706540.776	706540.776	706540.776
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.62 U	--	--
Aroclor 1221	SW8082A			6.62 U	--	--
Aroclor 1232	SW8082A			6.62 U	--	--
Aroclor 1242	SW8082A			9.35 J	--	--
Aroclor 1248	SW8082A			6.62 U	--	--
Aroclor 1254	SW8082A			13.5 J	--	--
Aroclor 1260	SW8082A			10.1 J	--	--
Aroclor 1262	SW8082A			6.62 U	--	--
Aroclor 1268	SW8082A			6.62 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	52.8 JT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	66.4 U	--
Motor oil range hydrocarbons	NWTPHDx			--	133 U	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.24 UJ	2.54 UJ	2.39 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-06-08-201104	USMPDI-039SC-B-08-10-201104	USMPDI-039SC-B-10-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			NP	--	--
Plastic limit	D4318			NP	--	--
Plasticity index	D4318			NP	--	--
Specific gravity	D854			2.72	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.266 J	0.0701 J	0.125 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			26.6	--	--
Total organic carbon	SM5310BM			0.073 J	0.14 J	0.037 J
Total Solids	SM2540G			79.7	79.7	77.7
Grain Size (pct)						
Gravel	D6913			0.9	--	--
Sand	D6913			85.5	--	--
Total fines (Reported, not calculated)	D6913			13.6	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			100	--	--
Percent passing 4750 micron sieve (#4)	D6913			99	--	--
Percent passing 2000 micron sieve (#10)	D6913			99	--	--
Percent passing 110 micron sieve (#140)	D6913			15	--	--
Percent passing 850 micron sieve (#20)	D6913			99	--	--
Percent passing 425 micron sieve (#40)	D6913			95	--	--
Percent passing 250 micron sieve (#60)	D6913			37	--	--
Percent passing 150 micron sieve (#100)	D6913			17	--	--
Percent passing 75 micron sieve (#200)	D6913			14	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.93	2.95	3.13
Cadmium	SW6020B			0.128 U	0.125 U	0.132 U
Chromium	SW6020B			15.2	15.9	14.5
Copper	SW6020B			16.8	18	16.9
Lead	SW6020B			4.26	3.82	2.89
Manganese	SW6020B			297	304	264

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-06-08-201104	USMPDI-039SC-B-08-10-201104	USMPDI-039SC-B-10-12-201104
				11/4/2020	11/4/2020	11/4/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622881.022	7622881.022	7622881.022
				706540.776	706540.776	706540.776
Vanadium	SW6020B			65	68.9	67.4
Zinc	SW6020B			48	51.7	45.2
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			38.3 U	41.6 U	43.3 U
1,2-Dichloroethene, cis-	SW8260D			38.3 U	41.6 U	43.3 U
Benzene	SW8260D			15.3 U	16.7 U	17.3 U
Chlorobenzene	SW8260D		320	38.3 U	41.6 U	43.3 U
Ethylbenzene	SW8260D			38.3 U	41.6 U	43.3 U
m,p-Xylene	SW8260D			76.6 U	83.3 U	86.5 U
o-Xylene	SW8260D			38.3 U	41.6 U	43.3 U
Tetrachloroethene (PCE)	SW8260D			38.3 U	41.6 U	43.3 U
Toluene	SW8260D			76.6 U	83.3 U	86.5 U
Trichloroethene (TCE)	SW8260D			38.3 U	41.6 U	43.3 U
Vinyl chloride	SW8260D			38.3 U	41.6 U	43.3 U
PH-ROD Total BTEX (U = 1/2 max limit)				76.6 UT	83.3 UT	86.5 UT
PH-ROD Total Xylene (U = 1/2 max limit)				76.6 UT	83.3 UT	86.5 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			31.4 U	31.0 U	31.5 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-06-08-201104	USMPDI-039SC-B-08-10-201104	USMPDI-039SC-B-10-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			16.4	3.10 U	3.15 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			66.6	48.2	7.8
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			26.6	3.10 U	3.15 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			25.1	3.10 U	3.15 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			107	3.10 U	3.15 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			175	3.10 U	3.15 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			132	3.10 U	3.15 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-06-08-201104	USMPDI-039SC-B-08-10-201104	USMPDI-039SC-B-10-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			107	3.10 U	3.15 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			47.7 J	1.55 J	3.15 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			120	3.10 U	3.15 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			11.8	3.10 U	3.15 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			191	3.69	3.15 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			44	2.00 J	3.15 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-06-08-201104	USMPDI-039SC-B-08-10-201104	USMPDI-039SC-B-10-12-201104
				11/4/2020	11/4/2020	11/4/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622881.022	7622881.022	7622881.022
				706540.776	706540.776	706540.776
Indeno(1,2,3-c,d)pyrene	SW8270E			90.1	3.10 U	3.15 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	34.9	3.10 U	3.15 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			265	5.77	3.15 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			234	5.02	3.15 U
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				180 JT	3.10 JT	3.15 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	220 JT	3.58 JT	3.15 UT
PH-ROD Total HPAH (U = 1/2 max limit)				1200 JT	21.1 JT	3.15 UT
PH-ROD Total LPAH (U = 1/2 max limit)				479 T	62.2 JT	17.3 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		1700 JT	83.3 JT	33.0 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-06-08-201104	USMPDI-039SC-B-08-10-201104	USMPDI-039SC-B-10-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/4/2020	11/4/2020	11/4/2020
C1-Naphthalenes	SW8270ESIM			6 - 8 ft	8 - 10 ft	10 - 12 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622881.022	7622881.022	7622881.022
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706540.776	706540.776	706540.776
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-06-08-201104	USMPDI-039SC-B-08-10-201104	USMPDI-039SC-B-10-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			11/4/2020	11/4/2020	11/4/2020
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			6 - 8 ft	8 - 10 ft	10 - 12 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622881.022	7622881.022	7622881.022
C3-Fluorenes	SW8270ESIM			706540.776	706540.776	706540.776
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.33 U	2.41 U	2.43 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			2.33 U	2.41 U	2.43 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			2.33 U	2.41 U	2.43 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			2.33 U	2.41 U	2.43 UJ
4,4'-DDE (p,p'-DDE)	SW8081B			2.33 U	2.41 U	2.43 UJ
4,4'-DDT (p,p'-DDT)	SW8081B			2.33 UJ	2.41 UJ	2.43 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-06-08-201104	USMPDI-039SC-B-08-10-201104	USMPDI-039SC-B-10-12-201104
				Location ID	Location ID	Location ID
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.33 UT	2.41 UT	2.43 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.33 UJT	2.41 UJT	2.43 UJT
PH-ROD Sum DDD (U = 1/2 max limit)				2.33 UT	2.41 UT	2.43 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				2.33 UT	2.41 UT	2.43 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				2.33 UJT	2.41 UJT	2.43 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.33 UJT	2.41 UJT	2.43 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			62 U	64 U	67 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			62 U	64 U	67 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-06-08-201104	USMPDI-039SC-B-08-10-201104	USMPDI-039SC-B-10-12-201104
				USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-039SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.99 U	4.86 U	5.14 U
Aroclor 1221	SW8082A			4.99 U	4.86 U	5.14 U
Aroclor 1232	SW8082A			4.99 U	4.86 U	5.14 U
Aroclor 1242	SW8082A			4.99 U	4.86 U	5.14 U
Aroclor 1248	SW8082A			4.99 U	4.86 U	5.14 U
Aroclor 1254	SW8082A			4.99 U	4.86 U	5.14 U
Aroclor 1260	SW8082A			4.99 U	4.86 U	5.14 U
Aroclor 1262	SW8082A			4.99 U	4.86 U	5.14 U
Aroclor 1268	SW8082A			4.99 U	4.86 U	5.14 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.99 UT	4.86 UT	5.14 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.44 UJ	2.54 UJ	2.63 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-12-14-201104	USMPDI-039SC-B-14-16-201104	USMPDI-040SC-A-05-06-201103
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.113 UJ	0.120 UJ	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.035 J	0.030 J	2
Total Solids	SM2540G			88	80.9	63.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.83	3.13	--
Cadmium	SW6020B			0.113 U	0.0629 J	--
Chromium	SW6020B			12.3	13.3	--
Copper	SW6020B			15.6	16.3	--
Lead	SW6020B			2.79	2.68	--
Manganese	SW6020B			280	289	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-12-14-201104	USMPDI-039SC-B-14-16-201104	USMPDI-040SC-A-05-06-201103
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			59.4	61.3	--
Zinc	SW6020B			43.8	45.1	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			39.2 U	37.5 U	--
1,2-Dichloroethene, cis-	SW8260D			39.2 U	37.5 U	--
Benzene	SW8260D			15.7 U	15.0 U	--
Chlorobenzene	SW8260D		320	39.2 U	37.5 U	--
Ethylbenzene	SW8260D			39.2 U	37.5 U	--
m,p-Xylene	SW8260D			78.4 U	75.0 U	--
o-Xylene	SW8260D			39.2 U	37.5 U	--
Tetrachloroethene (PCE)	SW8260D			39.2 U	37.5 U	--
Toluene	SW8260D			78.4 U	75.0 U	--
Trichloroethene (TCE)	SW8260D			39.2 U	37.5 U	--
Vinyl chloride	SW8260D			39.2 U	37.5 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				78.4 UT	75.0 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				78.4 UT	75.0 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	715
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	243 J
Pentachlorophenol	SW8270E			26.3 U	29.2 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	799 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	765

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-12-14-201104	USMPDI-039SC-B-14-16-201104	USMPDI-040SC-A-05-06-201103
				11/4/2020	11/4/2020	11/3/2020
				12 - 14 ft	14 - 16 ft	5 - 6 ft
				N	N	N
				7622881.022	7622881.022	7622847.672
				706540.776	706540.776	706447.457
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	259
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	778 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2.63 U	7.4	--
2-Methylnaphthalene	SW8270ESIM			--	--	443 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			14.3	14.1	--
Acenaphthene	SW8270ESIM			--	--	2480 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.63 U	2.92 U	--
Acenaphthylene	SW8270ESIM			--	--	246 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.63 U	3.62	--
Anthracene	SW8270ESIM			--	--	2240
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2.63 U	2.92 U	--
Benzo(a)anthracene	SW8270ESIM			--	--	3680
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			2.63 U	2.92 U	--
Benzo(a)pyrene	SW8270ESIM			--	--	4090
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.63 U	2.92 U	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	3370
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-12-14-201104	USMPDI-039SC-B-14-16-201104	USMPDI-040SC-A-05-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	3070
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.63 U	2.92 U	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	2940 J
Benzo(j)fluoranthene	SW8270ESIM			--	--	1920
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.63 U	2.92 U	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	1730
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	82.1 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	89.3
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2.63 U	2.92 U	--
Chrysene	SW8270ESIM			--	--	4720
Decalin, cis-	SW8270ESIM			--	--	49.9 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	49.9 UJ
Dibenzo(a,h)anthracene	SW8270E			2.63 U	2.92 U	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	460 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	222 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	1360
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			2.63 U	3.46	--
Fluoranthene	SW8270ESIM			--	--	12800
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.63 U	5.21	--
Fluorene	SW8270ESIM			--	--	1750
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-12-14-201104	USMPDI-039SC-B-14-16-201104	USMPDI-040SC-A-05-06-201103
				11/4/2020	11/4/2020	11/3/2020
				12 - 14 ft	14 - 16 ft	5 - 6 ft
				N	N	N
				7622881.022	7622881.022	7622847.672
				706540.776	706540.776	706447.457
Indeno(1,2,3-c,d)pyrene	SW8270E			2.63 U	2.92 U	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	2870 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.63 U	4.45	--
Naphthalene	SW8270ESIM		140000	--	--	1170 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	1270 J
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			2.63 U	17.4	--
Phenanthrene	SW8270ESIM			--	--	14300
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2.63 U	3.33	--
Pyrene	SW8270ESIM			--	--	15100
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.63 UT	2.92 UT	7020 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.63 UT	2.92 UT	5600 JT
PH-ROD Total HPAH (U = 1/2 max limit)				2.63 UT	18.5 T	54000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				22.2 T	53.6 T	22600 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		35.3 T	72.1 T	76000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1780
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	128
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	490
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	341
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	765
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	3660
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	899

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-12-14-201104	USMPDI-039SC-B-14-16-201104	USMPDI-040SC-A-05-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/4/2020	11/4/2020	11/3/2020
C1-Naphthalenes	SW8270ESIM			12 - 14 ft	14 - 16 ft	5 - 6 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622881.022	7622881.022	7622847.672
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706540.776	706540.776	706447.457
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1080
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	464
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	3410
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	697
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	325
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	835
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	114
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	664
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	198
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1900
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	291
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	457
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	428
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	49.9 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-12-14-201104	USMPDI-039SC-B-14-16-201104	USMPDI-040SC-A-05-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	409
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	489
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	561
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	2210
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	133
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	972
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	106
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	650
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	200
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	965
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	1120
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	32.8 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	476
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.11 U	2.44 U	23.9
2,4'-DDE (o,p'-DDE)	SW8081B			2.11 U	2.44 U	9.67 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.11 U	2.44 U	6.24 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.11 U	2.44 U	44.8
4,4'-DDE (p,p'-DDE)	SW8081B			2.11 U	2.44 U	7.18 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.11 UJ	2.44 UJ	6.24 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-12-14-201104	USMPDI-039SC-B-14-16-201104	USMPDI-040SC-A-05-06-201103
				11/4/2020	11/4/2020	11/3/2020
				12 - 14 ft	14 - 16 ft	5 - 6 ft
				N	N	N
				7622881.022	7622881.022	7622847.672
				706540.776	706540.776	706447.457
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.11 UT	2.44 UT	31.9 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.11 UJT	2.44 UJT	51.5 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.11 UT	2.44 UT	68.7 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.11 UT	2.44 UT	9.67 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.11 UJT	2.44 UJT	6.24 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.11 UJT	2.44 UJT	83.4 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			57 U	63 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			57 U	63 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000283 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.00107 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00172 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00731 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00486
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.256
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	1.21
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00420 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00889 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.194 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.585
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.00408
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.00535
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.00461
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.00706
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00198 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00119 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00155 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0155
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00170 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.0299 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0169 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0293 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-039SC-B	USMPDI-039SC-B	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-039SC-B-12-14-201104	USMPDI-039SC-B-14-16-201104	USMPDI-040SC-A-05-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0301 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0417
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.0122 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.00567 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.00814 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	1.55 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.44 U	4.65 U	5.89 U
Aroclor 1221	SW8082A			4.44 U	4.65 U	5.89 U
Aroclor 1232	SW8082A			4.44 U	4.65 U	5.89 U
Aroclor 1242	SW8082A			4.44 U	4.65 U	5.89 U
Aroclor 1248	SW8082A			4.44 U	4.65 U	5.89 U
Aroclor 1254	SW8082A			4.44 U	4.65 U	7.21 U
Aroclor 1260	SW8082A			4.44 U	4.65 U	7.06
Aroclor 1262	SW8082A			4.44 U	4.65 U	5.89 U
Aroclor 1268	SW8082A			4.44 U	4.65 U	5.89 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.44 UT	4.65 UT	31.3 T
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	441
Motor oil range hydrocarbons	NWTPHDx			--	--	494
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.25 UJ	2.46 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
				USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
				USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622847.672	7622847.672	7622847.672
				706447.457	706447.457	706447.457
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.8	0.42	0.24 T
Total Solids	SM2540G			65.4	69.1	79.8 T
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			1910 U	194	77.2 UT
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			1230 J	97	110 T
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			1910 U	89.8 U	42.2 JT
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			4020	127	120 T
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			6630	265	320 T
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			12500	554	693 T
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			8330	394	469 T
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			9740	417	536 T
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2910 J	116 J	152 JT
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			7810	316	386 T
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			1910 U	89.8 U	39.1 JT
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			26200	975	1250 T
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			1080 J	67.0 J	79.3 JT
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			7200	307	403 T
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	1710 J	193	245 T
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			17500	624	1070 T
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			33600	1260	1440 T
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				11200 JT	510 JT	621 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	16000 JT	697 JT	850 JT
PH-ROD Total HPAH (U = 1/2 max limit)				120000 JT	4650 JT	5700 JT
PH-ROD Total LPAH (U = 1/2 max limit)				27500 JT	1350 JT	1700 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		140000 JT	6000 JT	7400 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			6.04 U	2.86 U	2.44 UT
2,4'-DDE (o,p'-DDE)	SW8081B			6.04 U	2.86 U	2.44 UT
2,4'-DDT (o,p'-DDT)	SW8081B			6.04 U	2.86 U	2.44 UT
4,4'-DDD (p,p'-DDD)	SW8081B			6.04 U	2.86 U	2.44 UT
4,4'-DDE (p,p'-DDE)	SW8081B			6.04 U	2.86 U	2.44 UT
4,4'-DDT (p,p'-DDT)	SW8081B			6.04 U	2.86 U	2.44 UT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
				11/3/2020	6 - 7 ft	N
				7622847.672	706447.457	
				11/3/2020	7 - 8 ft	N
				7622847.672	706447.457	
				11/3/2020	8 - 9 ft	N
				7622847.672	706447.457	
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				6.04 UT	2.86 UT	2.44 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				6.04 UT	2.86 UT	2.44 UT
PH-ROD Sum DDD (U = 1/2 max limit)				6.04 UT	2.86 UT	2.44 UT
PH-ROD Sum DDE (U = 1/2 max limit)				6.04 UT	2.86 UT	2.44 UT
PH-ROD Sum DDT (U = 1/2 max limit)				6.04 UT	2.86 UT	2.44 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	6.04 UT	2.86 UT	2.44 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000243 J	0.000418 U	0.000400 UT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000422 U	0.00116 U	0.000451 UT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000488 U	0.00210 U	0.000447 UT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000508 U	0.00219 U	0.000496 UT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000529 U	0.000924 U	0.000485 UT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00212 J	0.00234 J	0.00142 JT
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0194	0.018	0.00524 JT
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00205 J	0.00954 J	0.000400 UT
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00316 J	0.00529 J	0.000451 UT
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00213	0.00481 J	0.000956 JT
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00585	0.00650 J	0.00343 T
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000242 U	0.000426 U	0.000347 UT
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000298 U	0.00143 U	0.000263 UT
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000273 U	0.00149 U	0.000231 UT
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000253 U	0.000632 U	0.000203 UT
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000241 U	0.000661 U	0.000201 UT
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000365 U	0.000803 U	0.000274 UT
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000276 U	0.000708 U	0.000228 UT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000587 J	0.000726 U	0.000209 UT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000325 U	0.000756 U	0.000187 UT
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000687 J	0.00116 U	0.000496 UT
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000936 J	0.00253 J	0.000422 JT
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000298 U	0.00156	0.000263 UT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
				USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
				USMPDI-040SC-A-06-07-201103	USMPDI-040SC-A-07-08-201103	USMPDI-040SC-A-08-09-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622847.672	7622847.672	7622847.672
				706447.457	706447.457	706447.457
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000365 U	0.00174	0.000274 UT
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000587	0.000756 U	0.000209 UT
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000836 JT	0.00208 JT	0.000815 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000731 JT	0.00190 JT	0.000664 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000679 JT	0.00149 JT	0.000616 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0251 JT	0.0281 JT	0.00911 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.98 U	5.76 U	4.86 UT
Aroclor 1221	SW8082A			5.98 U	5.76 U	4.86 UT
Aroclor 1232	SW8082A			5.98 U	5.76 U	4.86 UT
Aroclor 1242	SW8082A			5.98 U	5.76 U	4.86 UT
Aroclor 1248	SW8082A			5.98 U	5.76 U	4.86 UT
Aroclor 1254	SW8082A			5.98 U	5.76 U	4.86 UT
Aroclor 1260	SW8082A			5.98 U	5.76 U	4.86 UT
Aroclor 1262	SW8082A			5.98 U	5.76 U	4.86 UT
Aroclor 1268	SW8082A			5.98 U	5.76 U	4.86 UT
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.98 UT	5.76 UT	4.86 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-09-10-201103	USMPDI-040SC-A-10-11-201103	USMPDI-040SC-A-11-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			68.4	74.7	76.6
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-09-10-201103	USMPDI-040SC-A-10-11-201103	USMPDI-040SC-A-11-12-201103
				11/3/2020	11/3/2020	11/3/2020
				9 - 10 ft	10 - 11 ft	11 - 12 ft
				N	N	N
				7622847.672	7622847.672	7622847.672
				706447.457	706447.457	706447.457
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			264	--	--
2-Methylpyrene	SW8270DMSIM			250	--	--
4-Methylpyrene	SW8270DMSIM			229	--	--
Benzo(b)fluorene	SW8270DMSIM			510	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			129	2.53 U	2.58 U
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			32.9	--	--
1-Methylnaphthalene	SW8270DMSIM			69	2.53 U	2.58 U
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			336	2.02 J	2.58 U
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-09-10-201103	USMPDI-040SC-A-10-11-201103	USMPDI-040SC-A-11-12-201103
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/3/2020	11/3/2020	11/3/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			9 - 10 ft	10 - 11 ft	11 - 12 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622847.672	7622847.672	7622847.672
2-Methylanthracene	SW8270DMSIM			706447.457	706447.457	706447.457
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM			29.7	2.53 U	2.58 U
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			80.8	2.53 U	2.58 U
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			113	--	--
Acenaphthene	SW8270DMSIM			123	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			143	1.04 J	2.58 U
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			435	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			102	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			355	3.69	2.40 J
Benzo(a)fluoranthene	SW8270E			--	--	--
Benzo(a)fluoranthene	SW8270ESIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			182	1.17 J	2.58 U
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			877	3.52	2.58 U
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			2560	20	1.17 J
Benzo(c)fluorene	SW8270E			--	--	--
Benzo(c)fluorene	SW8270ESIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			764	--	--
Benzo(e)pyrene	SW8270E			--	--	--
Benzo(e)pyrene	SW8270ESIM			--	--	--
				4510	35.1	1.85 J
				--	--	--
				--	--	--
				2850 J	18.5	1.16 J
				--	--	--
				--	--	--
				239	--	--
				2410	21.4	1.23 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-09-10-201103	USMPDI-040SC-A-10-11-201103	USMPDI-040SC-A-11-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			4800	36.9	1.92 J
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			2140	21.8	1.17 J
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			854	6.20 J	2.58 U
Benzothiophene	SW8270DMSIM			48.8	2.53 U	2.58 U
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			49.8	2.53 UJ	2.58 UJ
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			2930	27.3	2.04 J
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			41.9	1.26 U	1.29 U
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			641 J	3.09	2.58 U
Dibenzofuran	SW8270DMSIM			53.6	2.53 U	2.58 U
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			716	2.35 J	2.58 U
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			8270	41.2	2.78
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			501	1.22 J	2.58 U
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			3220 J	19.5	1.00 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-09-10-201103	USMPDI-040SC-A-10-11-201103	USMPDI-040SC-A-11-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	959	4.63	2.58 U
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			1640	11.8	2.20 J
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			6510	26.9	3.1
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			10400	76.7	7.22
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			84.8	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				4990 JT	40.3 T	2.33 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	6040 JT	44.2 T	3.49 JT
PH-ROD Total HPAH (U = 1/2 max limit)				42000 JT	300 T	21.6 JT
PH-ROD Total LPAH (U = 1/2 max limit)				9800 T	42.2 JT	12.0 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		52000 JT	342 JT	33.6 JT
3-Methylphenanthrene	SW8270DMSIM			361	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			15.2	2.53 U	2.58 U
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			781	5.77	2.58 U
C1-Decalins	SW8270DMSIM			179	1.03 J	1.29 U
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			311	1.24 J	2.58 U
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			2240	16.1	1.42 J
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			205	0.961 J	2.58 U
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-09-10-201103	USMPDI-040SC-A-10-11-201103	USMPDI-040SC-A-11-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			138	0.955 J	2.58 U
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			239	2.17 J	2.58 U
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			1520	8.16	0.969 J
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			27.2	2.53 U	2.58 U
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			334	2.50 J	2.58 U
C2-Decalins	SW8270DMSIM			341	2.63	1.29 U
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			233	1.85 J	2.58 U
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			481	3.68	2.58 U
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			184	1.35 J	2.58 U
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			161	0.994 J	2.58 U
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			128	1.98 J	2.58 U
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			760	4.53	2.58 U
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			45.5	2.53 U	2.58 U
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			204	2.53 U	2.58 U
C3-Decalins	SW8270DMSIM			245	1.26 U	1.29 U
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			162	1.44 J	2.58 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-09-10-201103	USMPDI-040SC-A-10-11-201103	USMPDI-040SC-A-11-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			229	1.89 J	2.58 U
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			177	2.27 J	2.58 U
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			217	0.970 J	2.58 U
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			110	1.14 J	2.58 U
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			414	2.86	2.58 U
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			39.5	--	--
C4-Chrysenes	SW8270DMSIM			131	2.53 U	2.58 U
C4-Decalins	SW8270DMSIM			287	1.26 U	1.29 U
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			78.9	0.939 J	2.58 U
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			156	1.71 J	2.58 U
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			179	1.15 J	2.58 U
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			42.2	2.53 U	2.58 U
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			184	1.88 J	2.58 U
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			5.75 UJ	2.52 UJ	2.56 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			5.75 UJ	2.52 UJ	2.56 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			5.75 UJ	2.52 UJ	2.56 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			5.75 UJ	2.52 UJ	2.56 UJ
4,4'-DDE (p,p'-DDE)	SW8081B			5.75 UJ	2.52 UJ	2.56 UJ
4,4'-DDT (p,p'-DDT)	SW8081B			5.75 UJ	2.52 UJ	2.56 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-09-10-201103	USMPDI-040SC-A-10-11-201103	USMPDI-040SC-A-11-12-201103
				11/3/2020	11/3/2020	11/3/2020
				9 - 10 ft	10 - 11 ft	11 - 12 ft
				N	N	N
				7622847.672	7622847.672	7622847.672
				706447.457	706447.457	706447.457
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				5.75 UJT	2.52 UJT	2.56 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				5.75 UJT	2.52 UJT	2.56 UJT
PH-ROD Sum DDD (U = 1/2 max limit)				5.75 UJT	2.52 UJT	2.56 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				5.75 UJT	2.52 UJT	2.56 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				5.75 UJT	2.52 UJT	2.56 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	5.75 UJT	2.52 UJT	2.56 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000219 U	0.0000407 U	0.0000405 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000522 U	0.000140 U	0.000116 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000785 U	0.000175 U	0.000125 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000610 U	0.000183 U	0.000129 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000544 U	0.000182 U	0.000129 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00125 J	0.000945 J	0.000813 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0148	0.00931	0.00955
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000219 U	0.0000725	0.0000621 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000522 U	0.000140 U	0.000116 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000785 U	0.000512	0.000498
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000385 U	0.00235	0.00225
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000196 U	0.0000460 U	0.0000331 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000426 U	0.0000534 U	0.0000308 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000357 U	0.0000459 U	0.0000254 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000455 U	0.0000528 U	0.0000414 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000498 U	0.0000515 U	0.0000402 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000404 U	0.0000725 U	0.0000536 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000432 U	0.0000574 U	0.0000467 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000563 U	0.000338 U	0.000284 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000390 U	0.000468 U	0.000385 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00120 U	0.000251 U	0.000203 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000196 U	0.0000460 U	0.0000331 U
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000426 U	0.0000534 U	0.0000308 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-09-10-201103	USMPDI-040SC-A-10-11-201103	USMPDI-040SC-A-11-12-201103
				USMPDI-040SC-A	USMPDI-040SC-A	USMPDI-040SC-A
				USMPDI-040SC-A-09-10-201103	USMPDI-040SC-A-10-11-201103	USMPDI-040SC-A-11-12-201103
				11/3/2020	11/3/2020	11/3/2020
				9 - 10 ft	10 - 11 ft	11 - 12 ft
				N	N	N
				7622847.672	7622847.672	7622847.672
				706447.457	706447.457	706447.457
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000455 U	0.0000725 U	0.0000536 U
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000563 U	0.000468 U	0.000385 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000815 JT	0.000171 JT	0.000133 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000774 JT	0.000168 JT	0.000133 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000649 JT	0.000155 JT	0.000127 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0199 JT	0.0113 JT	0.0112 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.66 U	5.23 U	4.90 U
Aroclor 1221	SW8082A			5.66 U	5.23 U	4.90 U
Aroclor 1232	SW8082A			5.66 U	5.23 U	4.90 U
Aroclor 1242	SW8082A			5.66 U	5.23 U	4.90 U
Aroclor 1248	SW8082A			5.66 U	5.23 U	4.90 U
Aroclor 1254	SW8082A			5.66 U	5.23 U	4.90 U
Aroclor 1260	SW8082A			5.66 U	5.23 U	4.90 U
Aroclor 1262	SW8082A			5.66 U	5.23 U	4.90 U
Aroclor 1268	SW8082A			5.66 U	5.23 U	4.90 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.66 UT	5.23 UT	4.90 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-12-13-201103	USMPDI-040SC-B-00-02-201103	USMPDI-040SC-B-02-04-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	74
Plastic limit	D4318			--	--	34
Plasticity index	D4318			--	--	40
Specific gravity	D854			--	--	2.62
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	38.9	59.9
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	77.2
Total organic carbon	SM5310BM			--	2.3	2.6
Total Solids	SM2540G			85.2	48.9	54.9
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	12.9
Total fines (Reported, not calculated)	D6913			--	--	87.1
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	89
Percent passing 850 micron sieve (#20)	D6913			--	--	100
Percent passing 425 micron sieve (#40)	D6913			--	--	99
Percent passing 250 micron sieve (#60)	D6913			--	--	98
Percent passing 150 micron sieve (#100)	D6913			--	--	92
Percent passing 75 micron sieve (#200)	D6913			--	--	87
Metals (mg/kg)						
Arsenic	SW6020B			--	4.66	5.23
Cadmium	SW6020B			--	0.281	0.503
Chromium	SW6020B			--	28.6	32.3
Copper	SW6020B			--	44.3	51.1
Lead	SW6020B			--	23.1	34
Manganese	SW6020B			--	533	524

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-12-13-201103	USMPDI-040SC-B-00-02-201103	USMPDI-040SC-B-02-04-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	90	101
Zinc	SW6020B			--	147 J	174 J
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	91.0 UJ	66.8 UJ
1,2-Dichloroethene, cis-	SW8260D			--	91.0 U	66.8 U
Benzene	SW8260D			--	36.4 U	26.7 U
Chlorobenzene	SW8260D		320	--	91.0 U	66.8 U
Ethylbenzene	SW8260D			--	91.0 U	66.8 U
m,p-Xylene	SW8260D			--	182 U	134 U
o-Xylene	SW8260D			--	91.0 U	66.8 U
Tetrachloroethene (PCE)	SW8260D			--	91.0 U	66.8 U
Toluene	SW8260D			--	182 U	134 U
Trichloroethene (TCE)	SW8260D			--	91.0 U	66.8 U
Vinyl chloride	SW8260D			--	91.0 UJ	66.8 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				--	182 UT	134 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	182 UT	134 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	830
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			2.33 U	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	381 J
Pentachlorophenol	SW8270E			--	5080 U	4360 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			2.33 U	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	1330 J
1-Methylphenanthrene	SW8270DMSIM			2.33 U	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	1560

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-12-13-201103	USMPDI-040SC-B-00-02-201103	USMPDI-040SC-B-02-04-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			2.33 U	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	703
2,6-Dimethylnaphthalene	SW8270DMSIM			2.33 U	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	1800 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			2.33 U	--	--
2-Methylnaphthalene	SW8270E			--	449 J	--
2-Methylnaphthalene	SW8270ESIM			--	--	973 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			2.76	--	--
Acenaphthene	SW8270E			--	2270	--
Acenaphthene	SW8270ESIM			--	--	3090 J
Acenaphthylene	SW8270DMSIM			2.33 U	--	--
Acenaphthylene	SW8270E			--	812 U	--
Acenaphthylene	SW8270ESIM			--	--	268 J
Anthracene	SW8270DMSIM			2.33 U	--	--
Anthracene	SW8270E			--	2120	--
Anthracene	SW8270ESIM			--	--	2560
Benzo(a)anthracene	SW8270DMSIM			2.33 U	--	--
Benzo(a)anthracene	SW8270E			--	4260	--
Benzo(a)anthracene	SW8270ESIM			--	--	4120
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			2.33 U	--	--
Benzo(a)pyrene	SW8270E			--	5180	--
Benzo(a)pyrene	SW8270ESIM			--	--	4470
Benzo(b)fluoranthene	SW8270DMSIM			2.33 U	--	--
Benzo(b)fluoranthene	SW8270E			--	3780	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	2960
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			2.33 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-12-13-201103	USMPDI-040SC-B-00-02-201103	USMPDI-040SC-B-02-04-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	2740
Benzo(g,h,i)perylene	SW8270DMSIM			2.33 U	--	--
Benzo(g,h,i)perylene	SW8270E			--	2890	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	2180 J
Benzo(j)fluoranthene	SW8270ESIM			--	--	1950
Benzo(j,k)fluoranthene	SW8270DMSIM			2.33 U	--	--
Benzo(j,k)fluoranthene	SW8270E			--	1410 J	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	1780
Benzonaphthothiophene	SW8270DMSIM			2.33 U	--	--
Benzothiophene	SW8270DMSIM			2.33 U	--	--
Benzothiophene	SW8270ESIM			--	--	74.6 J
Carbazole	SW8270DMSIM			2.33 UJ	--	--
Carbazole	SW8270ESIM			--	--	225
Chrysene	SW8270DMSIM			2.33 U	--	--
Chrysene	SW8270E			--	4990	--
Chrysene	SW8270ESIM			--	--	4800
Decalin, cis-	SW8270ESIM			--	--	49.9 UJ
Decalin, cis- & trans-	SW8270DMSIM			1.17 U	--	--
Decalin, trans-	SW8270ESIM			--	--	49.9 UJ
Dibenzo(a,h)anthracene	SW8270E			--	385 J	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	496 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			2.33 U	--	--
Dibenzofuran	SW8270DMSIM			2.33 U	--	--
Dibenzofuran	SW8270ESIM			--	--	333 J
Dibenzothiophene	SW8270DMSIM			2.33 U	--	--
Dibenzothiophene	SW8270ESIM			--	--	1640
Fluoranthene	SW8270DMSIM			2.33 U	--	--
Fluoranthene	SW8270E			--	10400	--
Fluoranthene	SW8270ESIM			--	--	11500
Fluorene	SW8270DMSIM			2.33 U	--	--
Fluorene	SW8270E			--	2660	--
Fluorene	SW8270ESIM			--	--	2620
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			2.33 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-12-13-201103	USMPDI-040SC-B-00-02-201103	USMPDI-040SC-B-02-04-201103
				11/3/2020	11/3/2020	11/3/2020
				12 - 13 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622847.672	7622847.672	7622847.672
				706447.457	706447.457	706447.457
Indeno(1,2,3-c,d)pyrene	SW8270E			--	2340	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	2360 J
Naphthalene	SW8270DMSIM		140000	2.33 U	--	--
Naphthalene	SW8270E		140000	--	770	--
Naphthalene	SW8270ESIM		140000	--	--	1230 J
Perylene	SW8270DMSIM			3.44	--	--
Perylene	SW8270ESIM			--	--	1030 J
Phenanthrene	SW8270DMSIM			1.12 J	--	--
Phenanthrene	SW8270E			--	18700	--
Phenanthrene	SW8270ESIM			--	--	16400
Pyrene	SW8270DMSIM			2.48	--	--
Pyrene	SW8270E			--	10700	--
Pyrene	SW8270ESIM			--	--	13500
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.33 UT	5190 JT	6690 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.33 UT	6620 JT	5900 JT
PH-ROD Total HPAH (U = 1/2 max limit)				13.0 T	46300 JT	50000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				9.71 JT	27000 JT	27100 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		22.7 JT	74000 JT	77000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	3650
C1-Benzo(b)thiophene	SW8270DMSIM			2.33 U	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	204
C1-Chrysenes	SW8270DMSIM			2.33 U	--	--
C1-Decalins	SW8270DMSIM			1.17 U	--	--
C1-Decalins	SW8270ESIM			--	--	905
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	670
C1-Dibenzothiophenes	SW8270DMSIM			2.33 U	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	1520
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			2.33 U	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	5570
C1-Fluorenes	SW8270DMSIM			2.33 U	--	--
C1-Fluorenes	SW8270ESIM			--	--	1820

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-12-13-201103	USMPDI-040SC-B-00-02-201103	USMPDI-040SC-B-02-04-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/3/2020	11/3/2020	11/3/2020
C1-Naphthalenes	SW8270ESIM			12 - 13 ft	0 - 2 ft	2 - 4 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622847.672	7622847.672	7622847.672
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706447.457	706447.457	706447.457
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			2.33 U	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	1880
C2-Benzo(b)thiophene	SW8270ESIM			2.33 U	--	--
C2-Chrysenes	SW8270DMSIM			--	--	448
C2-Decalins	SW8270DMSIM			2.33 U	--	--
C2-Decalins	SW8270ESIM			--	--	6800
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	1850
C2-Dibenzothiophenes	SW8270DMSIM			2.33 U	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	719
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			2.33 U	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			1.17 U	--	--
C2-Fluorenes	SW8270DMSIM			--	--	2390
C2-Fluorenes	SW8270ESIM			--	--	300
C2-Naphthalenes	SW8270DMSIM			2.33 U	--	--
C2-Naphthalenes	SW8270ESIM			--	--	1530
C2-Naphthobenzothiophenes	SW8270DMSIM			2.33 U	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	2300
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			2.33 U	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1970
C3-Benzanthracenes/Chrysenes	SW8270ESIM			2.33 U	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	5590
C3-Benzo(b)thiophene	SW8270ESIM			2.33 U	--	--
C3-Chrysenes	SW8270DMSIM			--	--	571
C3-Decalins	SW8270DMSIM			2.33 U	--	--
C3-Decalins	SW8270ESIM			--	--	4580
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	964
C3-Dibenzothiophenes	SW8270DMSIM			2.33 U	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	1260
				2.33 U	--	--
				1.17 U	--	--
				--	--	1770
				--	--	137
				2.33 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-12-13-201103	USMPDI-040SC-B-00-02-201103	USMPDI-040SC-B-02-04-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	1240
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			2.33 U	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1270
C3-Fluorenes	SW8270DMSIM			2.33 U	--	--
C3-Fluorenes	SW8270ESIM			--	--	1500
C3-Naphthalenes	SW8270DMSIM			2.33 U	--	--
C3-Naphthalenes	SW8270ESIM			--	--	5780
C3-Naphthobenzothiophenes	SW8270DMSIM			2.33 U	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	290
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			2.33 U	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	2720
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	438
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			2.33 U	--	--
C4-Decalins	SW8270DMSIM			1.17 U	--	--
C4-Decalins	SW8270ESIM			--	--	2010
C4-Dibenzothiophenes	SW8270DMSIM			2.33 U	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	557
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			2.33 U	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	925
C4-Naphthalenes	SW8270DMSIM			2.33 U	--	--
C4-Naphthalenes	SW8270ESIM			--	--	3570
C4-Naphthobenzothiophenes	SW8270DMSIM			2.33 U	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	46.6 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			2.33 U	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	984
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.29 UJ	7.89 U	49.9
2,4'-DDE (o,p'-DDE)	SW8081B			2.29 UJ	7.89 U	45.5 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.29 UJ	7.89 U	7.28 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.29 UJ	16.7	215
4,4'-DDE (p,p'-DDE)	SW8081B			2.29 UJ	14.1	51.7
4,4'-DDT (p,p'-DDT)	SW8081B			2.29 UJ	7.89 U	64.3 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-12-13-201103	USMPDI-040SC-B-00-02-201103	USMPDI-040SC-B-02-04-201103
				11/3/2020	11/3/2020	11/3/2020
				12 - 13 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622847.672	7622847.672	7622847.672
				706447.457	706447.457	706447.457
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.29 UJT	7.89 UT	76.3 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.29 UJT	34.7 T	331 JT
PH-ROD Sum DDD (U = 1/2 max limit)				2.29 UJT	20.6 T	265 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.29 UJT	18.0 T	74.5 T
PH-ROD Sum DDT (U = 1/2 max limit)				2.29 UJT	7.89 UT	67.9 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.29 UJT	46.6 T	407 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	96 U	89 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	96 U	89 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000426 U	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000771 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000131 U	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000130 U	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000133 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000756 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.00657	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000117	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0000771 U	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000612	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00219	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000263 U	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000298 U	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000215 U	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000165 U	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000173 U	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000270 J	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000176 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000310 U	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000398 U	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000120 U	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0000263 U	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000298 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-A	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-A-12-13-201103	USMPDI-040SC-B-00-02-201103	USMPDI-040SC-B-02-04-201103
				11/3/2020	11/3/2020	11/3/2020
				12 - 13 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622847.672	7622847.672	7622847.672
				706447.457	706447.457	706447.457
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000270 J	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000398 U	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000106 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000111 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000103 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.00809 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.54 U	8.11 U	15.6 U
Aroclor 1221	SW8082A			4.54 U	8.11 U	10.3 U
Aroclor 1232	SW8082A			4.54 U	8.11 U	40.2 U
Aroclor 1242	SW8082A			4.54 U	12.7 J	19.4 U
Aroclor 1248	SW8082A			4.54 U	8.11 U	24.0 U
Aroclor 1254	SW8082A			4.54 U	26.8 J	35.1 J
Aroclor 1260	SW8082A			4.54 U	23.8 J	35.3 J
Aroclor 1262	SW8082A			4.54 U	8.11 U	7.00 U
Aroclor 1268	SW8082A			4.54 U	8.11 U	7.00 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.54 UT	87.6 JT	132 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	637
Motor oil range hydrocarbons	NWTPHDx			--	--	704
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	6.37 J	10 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-04-06-201103	USMPDI-040SC-B-06-08-201103	USMPDI-040SC-B-08-10-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			13.1	0.66	0.506
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			62.6	66.5	72
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.25	3.87	3.57
Cadmium	SW6020B			0.238	0.158	0.126 J
Chromium	SW6020B			26.9	21.7	22.7
Copper	SW6020B			35.6	29.5	29.1
Lead	SW6020B			28.5	31.3	17.4
Manganese	SW6020B			557	989	457

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-04-06-201103	USMPDI-040SC-B-06-08-201103	USMPDI-040SC-B-08-10-201103
				USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
				USMPDI-040SC-B-04-06-201103	USMPDI-040SC-B-06-08-201103	USMPDI-040SC-B-08-10-201103
				11/3/2020	11/3/2020	11/3/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622847.672	7622847.672	7622847.672
				706447.457	706447.457	706447.457
Vanadium	SW6020B			87.6	77.4	77.7
Zinc	SW6020B			98.9 J	74.2 J	74.1 J
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			50.5 UJ	45.3 UJ	41.3 UJ
1,2-Dichloroethene, cis-	SW8260D			50.5 U	45.3 U	41.3 U
Benzene	SW8260D			20.2 U	18.1 U	9.58 J
Chlorobenzene	SW8260D		320	50.5 U	45.3 U	41.3 U
Ethylbenzene	SW8260D			50.5 U	45.3 U	41.3 U
m,p-Xylene	SW8260D			101 U	90.5 U	82.6 U
o-Xylene	SW8260D			50.5 U	45.3 U	41.3 U
Tetrachloroethene (PCE)	SW8260D			50.5 U	45.3 U	41.3 U
Toluene	SW8260D			101 U	90.5 U	82.6 U
Trichloroethene (TCE)	SW8260D			50.5 U	45.3 U	41.3 U
Vinyl chloride	SW8260D			50.5 UJ	45.3 UJ	41.3 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				101 UT	90.5 UT	133 JT
PH-ROD Total Xylene (U = 1/2 max limit)				101 UT	90.5 UT	82.6 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	434	481
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	101 J	101 J
Pentachlorophenol	SW8270E			3880 U	740 U	824 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	47.1 J	62.3 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	255	369 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-04-06-201103	USMPDI-040SC-B-06-08-201103	USMPDI-040SC-B-08-10-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	22.7 J	30.9 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	56.2 J	66.0 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	89.3 J	106 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	356 J	468 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	111 J	140 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	943	650
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	2030	2460
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	2730	3770
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	1950	2370
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-04-06-201103	USMPDI-040SC-B-06-08-201103	USMPDI-040SC-B-08-10-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	2060	2330
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	2270 J	2650 J
Benzo(j)fluoranthene	SW8270ESIM			--	1150	1370
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	1140	1120
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	29.3 J	27.4 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	45	51.3
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	2350	3210
Decalin, cis-	SW8270ESIM			--	25.0 UJ	49.8 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	25.0 UJ	49.8 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	247 J	316 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	44.6 J	47.8 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	439	444 J
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	7770	9090
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	294	386 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-04-06-201103	USMPDI-040SC-B-06-08-201103	USMPDI-040SC-B-08-10-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	1930 J	2270 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	463 J	632 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	912 J	1030 J
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	4950	5550
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	9820	11300
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	4240 T	4860 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	3580 JT	4810 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	33400 JT	39900 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	7210 JT	7900 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	40600 JT	48000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	739	1160
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	12.8 J	15.3 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	97.2	441
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	137	271
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	249	336
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	1750	2300
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	188	275

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-04-06-201103	USMPDI-040SC-B-06-08-201103	USMPDI-040SC-B-08-10-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	110	147
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	270	360
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	1110	1500
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	288	351
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	33	38.6 J
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	202	611
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	25.0 U	79.8
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	183	263
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	333	469
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	150	225
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	143	173
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	78.2	133
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	488	798
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	96.6	203
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	25.0 U	49.8 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	115	355
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	25.0 U	49.8 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-04-06-201103	USMPDI-040SC-B-06-08-201103	USMPDI-040SC-B-08-10-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	119	178
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	159	265
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	141	239
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	173	226
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	66.3	49.8 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	270	419
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	38.6	102
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	191	498
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	56.4	76.6
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	685	786
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	178	183
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	18.5 J	25.2 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	136	215
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-04-06-201103	USMPDI-040SC-B-06-08-201103	USMPDI-040SC-B-08-10-201103
				11/3/2020	11/3/2020	11/3/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622847.672	7622847.672	7622847.672
				706447.457	706447.457	706447.457
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			78 U	70 U	68 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			78 U	70 U	68 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-04-06-201103	USMPDI-040SC-B-06-08-201103	USMPDI-040SC-B-08-10-201103
				USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-040SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	--
Aroclor 1221	SW8082A			--	--	--
Aroclor 1232	SW8082A			--	--	--
Aroclor 1242	SW8082A			--	--	--
Aroclor 1248	SW8082A			--	--	--
Aroclor 1254	SW8082A			--	--	--
Aroclor 1260	SW8082A			--	--	--
Aroclor 1262	SW8082A			--	--	--
Aroclor 1268	SW8082A			--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	170	143
Motor oil range hydrocarbons	NWTPHDx			--	221	210
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			5.79 J	2.9 UJ	2.79 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-10-12-201103	USMPDI-040SC-B-12-14-201103	USMPDI-042SC-A-11-12-201105
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.129 UT	0.121 U	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.035 T	0.036	2.9
Total Solids	SM2540G			75.6 T	82	57.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.49 T	2.57	--
Cadmium	SW6020B			0.132 UT	0.127 U	--
Chromium	SW6020B			14.6 T	15.4	--
Copper	SW6020B			17.3 T	16.5	--
Lead	SW6020B			2.85 T	2.78	--
Manganese	SW6020B			259 T	277	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-10-12-201103	USMPDI-040SC-B-12-14-201103	USMPDI-042SC-A-11-12-201105
				USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			65.0 T	70.3	--
Zinc	SW6020B			48.2 JT	46.2 J	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			39.8 UJT	35.9 UJ	--
1,2-Dichloroethene, cis-	SW8260D			39.8 UT	35.9 U	--
Benzene	SW8260D			15.9 UT	14.4 U	--
Chlorobenzene	SW8260D		320	39.8 UT	35.9 U	--
Ethylbenzene	SW8260D			39.8 UT	35.9 U	--
m,p-Xylene	SW8260D			79.6 UT	71.9 U	--
o-Xylene	SW8260D			39.8 UT	35.9 U	--
Tetrachloroethene (PCE)	SW8260D			39.8 UT	35.9 U	--
Toluene	SW8260D			79.6 UT	71.9 U	--
Trichloroethene (TCE)	SW8260D			39.8 UT	35.9 U	--
Vinyl chloride	SW8260D			39.8 UJT	35.9 UJ	--
PH-ROD Total BTEX (U = 1/2 max limit)				79.6 UT	71.9 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				79.6 UT	71.9 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			5.0 UT	--	576
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			5.0 UT	--	84.4
Pentachlorophenol	SW8270E			30.3 UT	29.3 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			1.5 JT	--	1790
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			1.7 JT	--	1400

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-10-12-201103	USMPDI-040SC-B-12-14-201103	USMPDI-042SC-A-11-12-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			5.0 UT	--	873
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			1.1 JT	--	1790
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	2.93 U	--
2-Methylnaphthalene	SW8270ESIM			1.7 JT	--	454
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	2.93 U	--
Acenaphthene	SW8270ESIM			4.5 JT	--	1290
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	2.93 U	--
Acenaphthylene	SW8270ESIM			0.9 JT	--	315
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	2.93 U	--
Anthracene	SW8270ESIM			3.1 JT	--	1540
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	2.93 U	--
Benzo(a)anthracene	SW8270ESIM			8.6 T	--	2290
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	2.93 U	--
Benzo(a)pyrene	SW8270ESIM			12.3 T	--	2880
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	2.93 U	--
Benzo(b)fluoranthene	SW8270ESIM			8.9 T	--	1730
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-10-12-201103	USMPDI-040SC-B-12-14-201103	USMPDI-042SC-A-11-12-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			9.4 T	--	2140
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	2.93 U	--
Benzo(g,h,i)perylene	SW8270ESIM			14.4 T	--	3000
Benzo(j)fluoranthene	SW8270ESIM			6.3 T	--	1120
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	2.93 U	--
Benzo(k)fluoranthene	SW8270ESIM			5.5 JT	--	1030
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			5.0 UT	--	35.9 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			5.0 UT	--	43.2 U
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	2.93 U	--
Chrysene	SW8270ESIM			12.0 T	--	3130
Decalin, cis-	SW8270ESIM			5.0 UT	--	43.2 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			5.0 UJT	--	47.1 J
Dibenzo(a,h)anthracene	SW8270E			--	2.93 U	--
Dibenzo(a,h)anthracene	SW8270ESIM			1.6 JT	--	355
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			5.0 UT	--	219
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			2.2 JT	--	821
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	2.93 U	--
Fluoranthene	SW8270ESIM			23.6 T	--	5370
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	2.93 U	--
Fluorene	SW8270ESIM			1.8 JT	--	981
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-10-12-201103	USMPDI-040SC-B-12-14-201103	USMPDI-042SC-A-11-12-201105
				11/3/2020	11/3/2020	11/5/2020
				10 - 12 ft	12 - 14 ft	11 - 12 ft
				N	N	N
				7622847.672	7622847.672	7622740.675
				706447.457	706447.457	706224.926
Indeno(1,2,3-c,d)pyrene	SW8270E			--	2.93 U	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			8.4 T	--	2090
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	2.93 U	--
Naphthalene	SW8270ESIM		140000	4.7 JT	--	477
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			6.6 T	--	759
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	1.74 J	--
Phenanthrene	SW8270ESIM			23.0 T	--	7260
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	2.93 U	--
Pyrene	SW8270ESIM			41.2 T	--	7160
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				21 JT	2.93 UT	3880 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	17 JT	2.93 UT	3860 T
PH-ROD Total HPAH (U = 1/2 max limit)				140 JT	2.93 UT	30000 T
PH-ROD Total LPAH (U = 1/2 max limit)				39 JT	10.5 JT	12300 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		180 JT	25.2 JT	42000 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			4.0 JT	--	2940
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			5.0 UT	--	248
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			5.0 UT	--	984
C1-Dibenz(a,h)anthracenes	SW8270ESIM			5.0 UT	--	752
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			1.7 JT	--	1720
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			8.6 T	--	4590
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			1.9 JT	--	1460

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-10-12-201103	USMPDI-040SC-B-12-14-201103	USMPDI-042SC-A-11-12-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			5.0 UT	--	1930
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			5.0 UT	--	870
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			7.3 T	--	7890
C2-Benzanthracenes/Chrysenes	SW8270ESIM			1.9 JT	--	1980
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			5.0 UT	--	860
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			8.1 T	--	1900
C2-Dibenz(a,h)anthracenes	SW8270ESIM			5.0 UT	--	467
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			1.4 JT	--	2320
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			2.6 JT	--	3420
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			2.1 JT	--	2450
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			4.9 JT	--	7570
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			5.0 UT	--	774
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			3.9 JT	--	7380
C3-Benzanthracenes/Chrysenes	SW8270ESIM			5.0 UT	--	1310
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			5.0 UT	--	1430
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			4.0 JT	--	1070
C3-Dibenz(a,h)anthracenes	SW8270ESIM			5.0 UT	--	238
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-10-12-201103	USMPDI-040SC-B-12-14-201103	USMPDI-042SC-A-11-12-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			0.8 JT	--	1780
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			1.4 JT	--	2360
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			5.0 UT	--	2140
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			0.5 JT	--	7880
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			5.0 UT	--	43.2 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			2.1 JT	--	4540
C4-Benzanthracenes/Chrysenes	SW8270ESIM			5.0 UT	--	689
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			9.0 T	--	1790
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			5.0 UT	--	880
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			6.2 T	--	858
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			5.0 UT	--	4440
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			5.0 UT	--	48.3
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			0.95 JT	--	2090
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.60 UT	2.36 U	17.3 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.60 UT	2.36 U	14.2 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.60 UT	2.36 U	6.92 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.60 UT	2.36 U	71.2
4,4'-DDE (p,p'-DDE)	SW8081B			2.60 UT	2.36 U	31
4,4'-DDT (p,p'-DDT)	SW8081B			2.60 UT	2.36 U	17.6 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-10-12-201103	USMPDI-040SC-B-12-14-201103	USMPDI-042SC-A-11-12-201105
				11/3/2020	11/3/2020	11/5/2020
				10 - 12 ft	12 - 14 ft	11 - 12 ft
				N	N	N
				7622847.672	7622847.672	7622740.675
				706447.457	706447.457	706224.926
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.60 UT	2.36 UT	17.3 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.60 UT	2.36 UT	111 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.60 UT	2.36 UT	79.8 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.60 UT	2.36 UT	38.1 T
PH-ROD Sum DDT (U = 1/2 max limit)				2.60 UT	2.36 UT	17.6 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.60 UT	2.36 UT	130 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			65 UT	62 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			65 UT	62 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000224 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000525 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00102 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00471
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00215 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.147
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	2.61
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00369 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00756 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0478
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.365
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.0212
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0318
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.0159
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0648
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0164
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0026
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0049
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0577
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.011
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.163
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0713 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.098

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-040SC-B-10-12-201103	USMPDI-040SC-B-12-14-201103	USMPDI-042SC-A-11-12-201105
				USMPDI-040SC-B	USMPDI-040SC-B	USMPDI-042SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.153
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.199
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.0513 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.0219 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.0212 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	3.15 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.97 UT	4.59 U	6.83 U
Aroclor 1221	SW8082A			4.97 UT	4.59 U	6.83 U
Aroclor 1232	SW8082A			4.97 UT	4.59 U	6.83 U
Aroclor 1242	SW8082A			4.97 UT	4.59 U	16.3 J
Aroclor 1248	SW8082A			4.97 UT	4.59 U	6.83 U
Aroclor 1254	SW8082A			4.97 UT	4.59 U	26.8 J
Aroclor 1260	SW8082A			4.97 UT	4.59 U	18.2 J
Aroclor 1262	SW8082A			4.97 UT	4.59 U	6.83 U
Aroclor 1268	SW8082A			4.97 UT	4.59 U	6.83 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.97 UT	4.59 UT	81.8 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			64.2 UT	--	702
Motor oil range hydrocarbons	NWTPHDx			128 UT	--	1030
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.57 UJT	2.43 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-A-12-13-201105	USMPDI-042SC-A-13-14-201105	USMPDI-042SC-A-14-15-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			3.1	2.7	2.9
Total Solids	SM2540G			57.3	59.2	59.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-A-12-13-201105	USMPDI-042SC-A-13-14-201105	USMPDI-042SC-A-14-15-201105
				USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-A-12-13-201105	USMPDI-042SC-A-13-14-201105	USMPDI-042SC-A-14-15-201105
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/5/2020	11/5/2020	11/5/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			12 - 13 ft	13 - 14 ft	14 - 15 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622740.675	7622740.675	7622740.675
2-Methylanthracene	SW8270DMSIM			706224.926	706224.926	706224.926
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM					
2-Methylnaphthalene	SW8270E			4160 J	4190 U	1090
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			11000	5600	2340
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			4260 U	4190 U	828 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			9790	8770	3380
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			8660	9550	3690
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			9910	12700	5200
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			7660	9720	3940
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-A-12-13-201105	USMPDI-042SC-A-13-14-201105	USMPDI-042SC-A-14-15-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			5910	7880	3340
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2640 J	3320 J	1380 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			10600	11200	4390
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			4260 U	4190 U	828 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			22700	25700	12100
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			8210	5330	2210
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-A-12-13-201105	USMPDI-042SC-A-13-14-201105	USMPDI-042SC-A-14-15-201105
				11/5/2020	11/5/2020	11/5/2020
				12 - 13 ft	13 - 14 ft	14 - 15 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
Indeno(1,2,3-c,d)pyrene	SW8270E			4750	6760	2660
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2350 J	2640 J	1660
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			39500	31600	13900
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			28100	31200	13700
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				10300 JT	13000 JT	5320 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	14200 JT	17400 JT	6700 JT
PH-ROD Total HPAH (U = 1/2 max limit)				103000 JT	120000 JT	51000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				77000 JT	58000 JT	25000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		180000 JT	180000 JT	76000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-A-12-13-201105	USMPDI-042SC-A-13-14-201105	USMPDI-042SC-A-14-15-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-A-12-13-201105	USMPDI-042SC-A-13-14-201105	USMPDI-042SC-A-14-15-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			24.3 U	36.4 U	155
2,4'-DDE (o,p'-DDE)	SW8081B			22.6 U	24.0 U	62.3 U
2,4'-DDT (o,p'-DDT)	SW8081B			13.9 U	8.53 U	11.4 U
4,4'-DDD (p,p'-DDD)	SW8081B			78.2	157	484
4,4'-DDE (p,p'-DDE)	SW8081B			41.7	33.1	63.5
4,4'-DDT (p,p'-DDT)	SW8081B			12.9 U	8.21 U	14.7 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-A-12-13-201105	USMPDI-042SC-A-13-14-201105	USMPDI-042SC-A-14-15-201105
				USMPDI-042SC-A-12-13-201105	USMPDI-042SC-A-13-14-201105	USMPDI-042SC-A-14-15-201105
				11/5/2020	11/5/2020	11/5/2020
				12 - 13 ft	13 - 14 ft	14 - 15 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				24.3 UT	36.4 UT	192 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				126 T	194 T	555 T
PH-ROD Sum DDD (U = 1/2 max limit)				90.3 T	175 T	639 T
PH-ROD Sum DDE (U = 1/2 max limit)				53.0 T	45.1 T	94.7 T
PH-ROD Sum DDT (U = 1/2 max limit)				13.9 UT	8.53 UT	14.7 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	157 T	229 T	747 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.00124	0.000532	0.00172
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00230 J	0.000739 J	0.00195 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00311	0.00105 J	0.00202 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0193	0.00707	0.0141
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00711	0.00286	0.00574
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.528	0.277	0.409
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			10.7	3.98	5.35
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0195 J	0.00751	0.0210 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0304 J	0.0108 J	0.0282 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.185	0.0832	0.158
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			1.3	0.703	0.96
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.129	0.0203	0.0368
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.249	0.0265	0.0648
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.126	0.0166	0.037
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.398	0.0502	0.146
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.101	0.0153	0.0384
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0189	0.00177 J	0.0051
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0338	0.00617	0.0118
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.26	0.0879	0.158
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0591	0.0124	0.0267
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.609	0.205	0.287
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.415 J	0.0740 J	0.152 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.735	0.114 J	0.258 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-A-12-13-201105	USMPDI-042SC-A-13-14-201105	USMPDI-042SC-A-14-15-201105
				USMPDI-042SC-A	USMPDI-042SC-A	USMPDI-042SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.859 J	0.161 J	0.343
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.784	0.27	0.403
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.34 JT	0.0503 JT	0.108 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.15 JT	0.0216 JT	0.0514 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.13 JT	0.0225 JT	0.0503 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				13 JT	4.71 JT	6.60 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			14.6 U	12.8 U	15.8 U
Aroclor 1221	SW8082A			12.5 U	12.0 U	13.8 U
Aroclor 1232	SW8082A			38.0 U	27.3 U	34.1 U
Aroclor 1242	SW8082A			19.1 U	20.8 U	25.6 U
Aroclor 1248	SW8082A			23.1 U	13.5 U	15.3 U
Aroclor 1254	SW8082A			28.6 J	19.7 J	23.8 U
Aroclor 1260	SW8082A			26.9 J	17.3 J	21.3
Aroclor 1262	SW8082A			6.93 U	6.75 U	6.64 U
Aroclor 1268	SW8082A			6.93 U	6.75 U	6.64 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	116 JT	87.0 JT	92.1 T
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
				USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				11/5/2020	11/5/2020	11/5/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
Conventional Parameters (unitless)						
Liquid limit	D4318			--	74	--
Plastic limit	D4318			--	45	--
Plasticity index	D4318			--	29	--
Specific gravity	D854			--	2.64	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			3.92	3.32	24.6
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	82.8	--
Total organic carbon	SM5310BM			2.5	1.9	2.2
Total Solids	SM2540G			44.1	52.8	53.6
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	4.2	--
Total fines (Reported, not calculated)	D6913			--	95.8	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	99	--
Percent passing 110 micron sieve (#140)	D6913			--	97	--
Percent passing 850 micron sieve (#20)	D6913			--	99	--
Percent passing 425 micron sieve (#40)	D6913			--	99	--
Percent passing 250 micron sieve (#60)	D6913			--	99	--
Percent passing 150 micron sieve (#100)	D6913			--	98	--
Percent passing 75 micron sieve (#200)	D6913			--	96	--
Metals (mg/kg)						
Arsenic	SW6020B			4.3	4.71	5.31
Cadmium	SW6020B			0.180 J	0.253	0.34
Chromium	SW6020B			24.1	28.4	32.4
Copper	SW6020B			37.3	47.1	54
Lead	SW6020B			12.9	19.2	38.9
Manganese	SW6020B			433	575	677

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				11/5/2020	11/5/2020	11/5/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
Vanadium	SW6020B			74.3	89.9	95.1
Zinc	SW6020B			85	105	137
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			127 U	80.1 U	89.0 U
1,2-Dichloroethene, cis-	SW8260D			127 U	80.1 U	89.0 U
Benzene	SW8260D			50.7 U	32.1 U	35.6 U
Chlorobenzene	SW8260D		320	127 U	80.1 U	89.0 U
Ethylbenzene	SW8260D			127 U	80.1 U	89.0 U
m,p-Xylene	SW8260D			253 U	160 U	178 U
o-Xylene	SW8260D			127 U	80.1 U	89.0 U
Tetrachloroethene (PCE)	SW8260D			127 U	80.1 U	89.0 U
Toluene	SW8260D			253 U	160 U	178 U
Trichloroethene (TCE)	SW8260D			127 U	80.1 U	89.0 U
Vinyl chloride	SW8260D			127 U	80.1 U	89.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				253 UT	160 UT	178 UT
PH-ROD Total Xylene (U = 1/2 max limit)				253 UT	160 UT	178 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	114	161
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	12.5	20.5
Pentachlorophenol	SW8270E			535 U	464 U	439 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	12.5	23.9
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	58.2	111

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	12.9	33.5
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	10.7	26.4
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			49.4 J	--	--
2-Methylnaphthalene	SW8270ESIM			--	28.2	52.8
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			104	--	--
Acenaphthene	SW8270ESIM			--	149	182
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			177	--	--
Acenaphthylene	SW8270ESIM			--	31.6	64.7
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			231	--	--
Anthracene	SW8270ESIM			--	116	161
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			684	--	--
Benzo(a)anthracene	SW8270ESIM			--	619	827
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			1190	--	--
Benzo(a)pyrene	SW8270ESIM			--	802	1040
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			1070	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	628	751
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	556	741
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			850	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	648	891
Benzo(j)fluoranthene	SW8270ESIM			--	335	431
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			350 J	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	381	395
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	4.3 J	9.5 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	52.4	55.2
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			886	--	--
Chrysene	SW8270ESIM			--	647	933
Decalin, cis-	SW8270ESIM			--	4.7 UJ	4.6 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	4.1 J	5.8 J
Dibenzo(a,h)anthracene	SW8270E			89.4	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	138	149
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	33.4	41.5
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	38.4	79.7
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			1490	--	--
Fluoranthene	SW8270ESIM			--	1160	1730
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			94.4	--	--
Fluorene	SW8270ESIM			--	102	139
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				11/5/2020	11/5/2020	11/5/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
Indeno(1,2,3-c,d)pyrene	SW8270E			707	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	530	679
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	156	--	--
Naphthalene	SW8270ESIM		140000	--	67.5	133
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	465	519
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			588	--	--
Phenanthrene	SW8270ESIM			--	639	1040
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			1700	--	--
Pyrene	SW8270ESIM			--	1140	1970
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1400 JT	1340 T	1580 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1500 JT	1100 T	1420 T
PH-ROD Total HPAH (U = 1/2 max limit)				9000 JT	7000 T	9800 T
PH-ROD Total LPAH (U = 1/2 max limit)				1400 JT	1130 T	1770 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		10000 JT	8200 T	11600 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	476	685
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	5.3	13.5
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	23.3	114
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	246	228
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	44.9	126
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	609	815
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	64.9	118

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/5/2020	11/5/2020	11/5/2020
C1-Naphthalenes	SW8270ESIM			0 - 2 ft	2 - 4 ft	4 - 6 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622740.675	7622740.675	7622740.675
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706224.926	706224.926	706224.926
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	38.7	70.8
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	129	176
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	255	536
C2-Decalins	SW8270ESIM			--	230	389
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	12.6	30.9
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	95.6	293
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	62.5	112
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	74	206
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	248	447
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	73.2	175
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	56.9	148
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	88.2	166
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	219	530
C3-Chrysenes	SW8270DMSIM			--	123	247
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	21	40
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	81.7	182
				--	38.8	39.1
				--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				11/5/2020	11/5/2020	11/5/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
C3-Dibenzothiophenes	SW8270ESIM			--	76.4	225
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	150	388
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	69.6	191
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	104	289
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	4.7 U	106
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	160	446
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	64.6	118
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	134	431
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	52.4	133
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	143	253
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	64.3	229
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	19.9	14
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	78.9	221
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			4.66 UJ	3.75 U	3.72 U
2,4'-DDE (o,p'-DDE)	SW8081B			4.44 UJ	3.75 U	3.72 U
2,4'-DDT (o,p'-DDT)	SW8081B			4.44 UJ	3.75 U	3.72 U
4,4'-DDD (p,p'-DDD)	SW8081B			7.79 J	9.94	10.5
4,4'-DDE (p,p'-DDE)	SW8081B			5.32 UJ	4.67	7.19
4,4'-DDT (p,p'-DDT)	SW8081B			4.44 UJ	3.75 U	3.72 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				11/5/2020	11/5/2020	11/5/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.66 UJT	3.75 UT	3.72 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				12.7 JT	16.5 T	19.6 T
PH-ROD Sum DDD (U = 1/2 max limit)				10.1 JT	11.8 T	12.4 T
PH-ROD Sum DDE (U = 1/2 max limit)				5.32 UJT	6.55 T	9.05 T
PH-ROD Sum DDT (U = 1/2 max limit)				4.44 UJT	3.75 UT	3.72 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	19.4 JT	22.1 T	25.1 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			100 U	93 U	460 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			100 U	93 U	460 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
				USMPDI-042SC-B-00-02-201105	USMPDI-042SC-B-02-04-201105	USMPDI-042SC-B-04-06-201105
				11/5/2020	11/5/2020	11/5/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			9.04 U	7.20 U	7.30 U
Aroclor 1221	SW8082A			9.04 U	7.20 U	7.30 U
Aroclor 1232	SW8082A			9.04 U	7.20 U	7.30 U
Aroclor 1242	SW8082A			5.50 J	8.24 J	14.8 J
Aroclor 1248	SW8082A			9.04 U	7.20 U	7.30 U
Aroclor 1254	SW8082A			9.04 U	12.3 J	17.0 J
Aroclor 1260	SW8082A			9.04 U	6.38 J	10.8 J
Aroclor 1262	SW8082A			9.04 U	7.20 U	7.30 U
Aroclor 1268	SW8082A			9.04 U	7.20 U	7.30 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	41.7 JT	48.5 JT	64.5 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	93.2 U	247
Motor oil range hydrocarbons	NWTPHDx			--	338	675
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.16 UJ	3.69 UJ	3.68 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-06-08-201105	USMPDI-042SC-B-08-10-201105	USMPDI-042SC-B-10-12-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			41.8	105	210
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.9	2.4	--
Total Solids	SM2540G			54.8	56.6	57.2
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.32	5.55	5.84
Cadmium	SW6020B			0.335	0.407	0.456
Chromium	SW6020B			31.4	28.7	33.9
Copper	SW6020B			51.5	50.4	54.8
Lead	SW6020B			40.8	47.5	39.7
Manganese	SW6020B			771	544	520

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-06-08-201105	USMPDI-042SC-B-08-10-201105	USMPDI-042SC-B-10-12-201105
				11/5/2020	11/5/2020	11/5/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
Vanadium	SW6020B			105	91.8	109
Zinc	SW6020B			160	213	219
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			69.9 U	114 U	63.8 U
1,2-Dichloroethene, cis-	SW8260D			69.9 U	114 U	63.8 U
Benzene	SW8260D			28.0 U	45.7 U	25.5 U
Chlorobenzene	SW8260D		320	69.9 U	114 U	63.8 U
Ethylbenzene	SW8260D			69.9 U	114 U	63.8 U
m,p-Xylene	SW8260D			140 U	229 U	128 U
o-Xylene	SW8260D			69.9 U	114 U	63.8 U
Tetrachloroethene (PCE)	SW8260D			69.9 U	114 U	63.8 U
Toluene	SW8260D			140 U	229 U	128 U
Trichloroethene (TCE)	SW8260D			69.9 U	114 U	63.8 U
Vinyl chloride	SW8260D			69.9 U	114 U	63.8 U
PH-ROD Total BTEX (U = 1/2 max limit)				140 UT	229 UT	128 UT
PH-ROD Total Xylene (U = 1/2 max limit)				140 UT	229 UT	128 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			181	578	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			59	57.6	--
Pentachlorophenol	SW8270E			443 U	856 U	861 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			76.5	1770	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			258	1060	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-06-08-201105	USMPDI-042SC-B-08-10-201105	USMPDI-042SC-B-10-12-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			74	507	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			65.1	1050	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			184	380	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1060	1790	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			79.6	278	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			478	1680	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1020	3140	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1030	3480	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			778	2260	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-06-08-201105	USMPDI-042SC-B-08-10-201105	USMPDI-042SC-B-10-12-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			741	2260	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			777	2270	--
Benzo(j)fluoranthene	SW8270ESIM			509	1300	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			463	1290	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			12.3 J	44.4 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			63.7	324	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1250	3450	--
Decalin, cis-	SW8270ESIM			4.5 UJ	22.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			8.3 J	22.2 J	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			141	483	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			367	307	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			167	1180	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			3620	7350	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			852	1650	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-06-08-201105	USMPDI-042SC-B-08-10-201105	USMPDI-042SC-B-10-12-201105
				11/5/2020	11/5/2020	11/5/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			575	1790	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	259	471	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			374	933	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			3770	10900	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			3320	8840	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1750 T	4900 T	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1410 T	4700 T	--
PH-ROD Total HPAH (U = 1/2 max limit)				13500 T	36000 T	--
PH-ROD Total LPAH (U = 1/2 max limit)				6680 T	17000 T	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		20200 T	53000 T	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			666	2470	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			18.6	282	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			151	278	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			190	787	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			185	1450	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			1380	4250	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			299	1290	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-06-08-201105	USMPDI-042SC-B-08-10-201105	USMPDI-042SC-B-10-12-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			234	1710	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			239	768	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			1210	6140	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			404	1540	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			36.8	691	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			281	880	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			98.3	391	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			275	1520	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			584	2360	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			260	1540	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			368	4900	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			156	599	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			870	4150	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			212	830	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			45.6	789	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			188	483	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			26.7	132	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-06-08-201105	USMPDI-042SC-B-08-10-201105	USMPDI-042SC-B-10-12-201105
				11/5/2020	11/5/2020	11/5/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
C3-Dibenzothiophenes	SW8270ESIM			274	1110	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			384	1430	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			307	1330	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			481	3930	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			161	254	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			585	2430	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			80.1	328	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			344	1110	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			160	485	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			207	732	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			363	1950	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			15.4	22.0 U	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			297	1110	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			7.84 U	13.8 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			6.60 U	9.88 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.57 U	7.06 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			18.1	53.6	--
4,4'-DDE (p,p'-DDE)	SW8081B			9.97	19	--
4,4'-DDT (p,p'-DDT)	SW8081B			3.92 U	7.77 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-06-08-201105	USMPDI-042SC-B-08-10-201105	USMPDI-042SC-B-10-12-201105
				11/5/2020	11/5/2020	11/5/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				7.84 UT	13.8 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				30.0 T	76.5 T	--
PH-ROD Sum DDD (U = 1/2 max limit)				22.0 T	60.5 T	--
PH-ROD Sum DDE (U = 1/2 max limit)				13.3 T	23.9 T	--
PH-ROD Sum DDT (U = 1/2 max limit)				3.92 UT	7.77 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	39.0 T	91.9 T	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			450 U	430 U	440 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			450 U	430 U	440 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-06-08-201105	USMPDI-042SC-B-08-10-201105	USMPDI-042SC-B-10-12-201105
				USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-042SC-B
				USMPDI-042SC-B-06-08-201105	USMPDI-042SC-B-08-10-201105	USMPDI-042SC-B-10-12-201105
				11/5/2020	11/5/2020	11/5/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622740.675	7622740.675	7622740.675
				706224.926	706224.926	706224.926
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.01 U	6.84 U	--
Aroclor 1221	SW8082A			7.01 U	6.84 U	--
Aroclor 1232	SW8082A			7.01 U	6.84 U	--
Aroclor 1242	SW8082A			26.5 J	46.1 J	--
Aroclor 1248	SW8082A			7.01 U	6.84 U	--
Aroclor 1254	SW8082A			52.1 J	61.0 J	--
Aroclor 1260	SW8082A			31.4 J	42.5 J	--
Aroclor 1262	SW8082A			7.01 U	6.84 U	--
Aroclor 1268	SW8082A			7.01 U	6.84 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	131 JT	170 JT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			218	511	--
Motor oil range hydrocarbons	NWTPHDx			515	841	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.54 UJ	3.98 J	10.1 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-12-14-201105	USMPDI-042SC-B-14-15.1-201105	USMPDI-043SC-A-13-14-201105
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			185	68.3	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	3.1
Total Solids	SM2540G			58.6	59	54.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.52	5.53	--
Cadmium	SW6020B			0.445	0.422	--
Chromium	SW6020B			30.3	31.9	--
Copper	SW6020B			48.6	51.5	--
Lead	SW6020B			40.9	34.7	--
Manganese	SW6020B			551	631	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-12-14-201105	USMPDI-042SC-B-14-15.1-201105	USMPDI-043SC-A-13-14-201105
				USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			122	113	--
Zinc	SW6020B			164	141	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			60.2 U	70.9 U	--
1,2-Dichloroethene, cis-	SW8260D			60.2 U	70.9 U	--
Benzene	SW8260D			24.1 U	28.3 U	--
Chlorobenzene	SW8260D		320	60.2 U	70.9 U	--
Ethylbenzene	SW8260D			60.2 U	70.9 U	--
m,p-Xylene	SW8260D			120 U	142 U	--
o-Xylene	SW8260D			60.2 U	70.9 U	--
Tetrachloroethene (PCE)	SW8260D			60.2 U	70.9 U	--
Toluene	SW8260D			120 U	142 U	--
Trichloroethene (TCE)	SW8260D			60.2 U	70.9 U	--
Vinyl chloride	SW8260D			60.2 U	70.9 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				120 UT	142 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				120 UT	142 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	1740
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	175
Pentachlorophenol	SW8270E			4130 U	830 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	3580
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	5430

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-12-14-201105	USMPDI-042SC-B-14-15.1-201105	USMPDI-043SC-A-13-14-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	3540
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	5060
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	3400
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	5940
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	573
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	8580
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	6200
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	6670
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	3450
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-12-14-201105	USMPDI-042SC-B-14-15.1-201105	USMPDI-043SC-A-13-14-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	3860
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	3550
Benzo(j)fluoranthene	SW8270ESIM			--	--	2630
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	1830
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	69.3 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	910
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	8470
Decalin, cis-	SW8270ESIM			--	--	22.8 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	92.4 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	838
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	854
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	4870
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	16600
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	6230
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-12-14-201105	USMPDI-042SC-B-14-15.1-201105	USMPDI-043SC-A-13-14-201105
				11/5/2020	11/5/2020	11/5/2020
				12 - 14 ft	14 - 15.1 ft	13 - 14 ft
				N	N	N
				7622740.675	7622740.675	7622828.182
				706224.926	706224.926	706285.687
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	2490
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	728
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	1480
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	40700
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	21500
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	7910 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	8700 T
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	74000 T
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	66000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	140000 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	7670
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	501
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	1150
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	1710
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	6550
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	13600
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	7520

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-12-14-201105	USMPDI-042SC-B-14-15.1-201105	USMPDI-043SC-A-13-14-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				11/5/2020	11/5/2020	11/5/2020
				12 - 14 ft	14 - 15.1 ft	13 - 14 ft
				N	N	N
				7622740.675	7622740.675	7622828.182
				706224.926	706224.926	706285.687
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	5680
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	2780
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	27900
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	4650
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	2830
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	2980
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	972
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	6440
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	8420
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	8980
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	22100
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	1870
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	19100
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	2310
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	5400
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	1960
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	329
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-12-14-201105	USMPDI-042SC-B-14-15.1-201105	USMPDI-043SC-A-13-14-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	4550
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	5160
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	6570
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	28300
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	914
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	10600
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1240
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	2780
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	1780
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	2300
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	14700
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	104
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	3170
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	17.1 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	40.5 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	11.7 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	58
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	47
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	12.0 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-12-14-201105	USMPDI-042SC-B-14-15.1-201105	USMPDI-043SC-A-13-14-201105
				11/5/2020	11/5/2020	11/5/2020
				12 - 14 ft	14 - 15.1 ft	13 - 14 ft
				N	N	N
				7622740.675	7622740.675	7622828.182
				706224.926	706224.926	706285.687
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	40.5 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	111 T
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	66.6 T
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	67.3 T
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	12.0 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	146 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			430 U	420 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			430 U	420 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000132 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000167 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000227 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00144 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000564 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.0625
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	1.06
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00132 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00209 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0143
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.149
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.00875
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0173
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.00898
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0241
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00559
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000573 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00189 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0137
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0029
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.0393
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0266 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0494

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-042SC-B-12-14-201105	USMPDI-042SC-B-14-15.1-201105	USMPDI-043SC-A-13-14-201105
				USMPDI-042SC-B	USMPDI-042SC-B	USMPDI-043SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0509
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0448
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.0234 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.00978 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.00895 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	1.25 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	16.5 U
Aroclor 1221	SW8082A			--	--	7.33 U
Aroclor 1232	SW8082A			--	--	50.6 U
Aroclor 1242	SW8082A			--	--	24.6 U
Aroclor 1248	SW8082A			--	--	16.1 U
Aroclor 1254	SW8082A			--	--	43.6 J
Aroclor 1260	SW8082A			--	--	57.3 J
Aroclor 1262	SW8082A			--	--	7.33 U
Aroclor 1268	SW8082A			--	--	7.33 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	166 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	1610
Motor oil range hydrocarbons	NWTPHDx			--	--	1620
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			12.2 J	6.69 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-A	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-A-14-15-201105	USMPDI-043SC-B-00-02-201105	USMPDI-043SC-B-02-04-201105
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	5.55	4.50 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.8	2.9	2.6
Total Solids	SM2540G			56.5	40.4	47.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	5.53	5.38
Cadmium	SW6020B			--	0.206 J	0.174 J
Chromium	SW6020B			--	33.7	32.5
Copper	SW6020B			--	49	47
Lead	SW6020B			--	13.6	12.8
Manganese	SW6020B			--	783	738

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-A	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-A-14-15-201105	USMPDI-043SC-B-00-02-201105	USMPDI-043SC-B-02-04-201105
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			--	106	103
Zinc	SW6020B			--	111	102
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	138 U	94.9 U
1,2-Dichloroethene, cis-	SW8260D			--	138 U	94.9 U
Benzene	SW8260D			--	55.1 U	38.0 U
Chlorobenzene	SW8260D		320	--	138 U	94.9 U
Ethylbenzene	SW8260D			--	138 U	94.9 U
m,p-Xylene	SW8260D			--	275 U	190 U
o-Xylene	SW8260D			--	138 U	94.9 U
Tetrachloroethene (PCE)	SW8260D			--	138 U	94.9 U
Toluene	SW8260D			--	275 U	190 U
Trichloroethene (TCE)	SW8260D			--	138 U	94.9 U
Vinyl chloride	SW8260D			--	138 U	94.9 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	275 UT	190 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	275 UT	190 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	50.5
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	9.1
Pentachlorophenol	SW8270E			--	578 U	251 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	18.1
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	53.7

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-A	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-A-14-15-201105	USMPDI-043SC-B-00-02-201105	USMPDI-043SC-B-02-04-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	16.1
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	21.9
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			4080	37.0 J	--
2-Methylnaphthalene	SW8270ESIM			--	--	26.2
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			4830	55.7 J	--
Acenaphthene	SW8270ESIM			--	--	59.9
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			860 U	80.2	--
Acenaphthylene	SW8270ESIM			--	--	18.4
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			4620	147	--
Anthracene	SW8270ESIM			--	--	90.9
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3920	295	--
Benzo(a)anthracene	SW8270ESIM			--	--	229
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			5590	476	--
Benzo(a)pyrene	SW8270ESIM			--	--	371
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			4130	428	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	241
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-A	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-A-14-15-201105	USMPDI-043SC-B-00-02-201105	USMPDI-043SC-B-02-04-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	254
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			3590	315	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	342
Benzo(j)fluoranthene	SW8270ESIM			--	--	139
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			1350 J	138 J	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	130
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	3.6 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	15.4
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			4650	367	--
Chrysene	SW8270ESIM			--	--	303
Decalin, cis-	SW8270ESIM			--	--	5.2 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	5.2 UJ
Dibenzo(a,h)anthracene	SW8270E			860 U	42.1 J	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	53
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	13.3
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	39
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			12600	586	--
Fluoranthene	SW8270ESIM			--	--	539
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3800	72.1	--
Fluorene	SW8270ESIM			--	--	55.1
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-A	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-A-14-15-201105	USMPDI-043SC-B-00-02-201105	USMPDI-043SC-B-02-04-201105
				11/5/2020	11/5/2020	11/5/2020
				14 - 15 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622828.182	7622828.182	7622828.182
				706285.687	706285.687	706285.687
Indeno(1,2,3-c,d)pyrene	SW8270E			2820	263	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	247
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	1920	73.4	--
Naphthalene	SW8270ESIM		140000	--	--	48.4
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	248
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			19600	326	--
Phenanthrene	SW8270ESIM			--	--	388
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			14300	641	--
Pyrene	SW8270ESIM			--	--	641
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				5480 JT	566 JT	510 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	7130 JT	618 JT	500 T
PH-ROD Total HPAH (U = 1/2 max limit)				53400 JT	3550 JT	3200 T
PH-ROD Total LPAH (U = 1/2 max limit)				39000 T	791 JT	687 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		93000 JT	4340 JT	3900 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	297
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	6.1
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	15.5
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	82.2
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	60.4
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	369
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	58.5

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-A	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-A-14-15-201105	USMPDI-043SC-B-00-02-201105	USMPDI-043SC-B-02-04-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	37.9
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	94.2
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	267
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	176
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	15.2
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	41.4
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	20.1
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	74.7
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	217
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	69.4
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	93.7
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	77.3
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	261
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	95.2
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	25.5
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	30.3
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	19
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-A	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-A-14-15-201105	USMPDI-043SC-B-00-02-201105	USMPDI-043SC-B-02-04-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	76.3
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	112
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	73.5
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	154
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	61.3
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	174
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	48.4
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	53.6
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	42.3
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	101
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	97.2
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	8.4
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	87.5
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			18.1 U	4.91 U	4.17 U
2,4'-DDE (o,p'-DDE)	SW8081B			12.9 U	4.91 U	4.17 U
2,4'-DDT (o,p'-DDT)	SW8081B			6.95 U	4.91 U	4.17 U
4,4'-DDD (p,p'-DDD)	SW8081B			75.8	5.64 U	4.44
4,4'-DDE (p,p'-DDE)	SW8081B			23.4	4.91 U	4.17 U
4,4'-DDT (p,p'-DDT)	SW8081B			33.6	25.2	22.3

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-A	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-A-14-15-201105	USMPDI-043SC-B-00-02-201105	USMPDI-043SC-B-02-04-201105
				11/5/2020	11/5/2020	11/5/2020
				14 - 15 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622828.182	7622828.182	7622828.182
				706285.687	706285.687	706285.687
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				18.1 UT	4.91 UT	4.17 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				133 T	30.5 T	28.8 T
PH-ROD Sum DDD (U = 1/2 max limit)				84.8 T	5.64 UT	6.53 T
PH-ROD Sum DDE (U = 1/2 max limit)				29.9 T	4.91 UT	4.17 UT
PH-ROD Sum DDT (U = 1/2 max limit)				37.1 T	27.7 T	24.4 T
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	152 T	37.8 T	35.1 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	120 U	100 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	120 U	100 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000935 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000211 J	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000246 J	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00139 J	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000582 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0513	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.777	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00148 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00229 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0164	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.124	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00685	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0121	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00696	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0163	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00474	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000560 J	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00162 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0209	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00298	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.057	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0213 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0385 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-A	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-A-14-15-201105	USMPDI-043SC-B-00-02-201105	USMPDI-043SC-B-02-04-201105
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			11/5/2020	11/5/2020	11/5/2020
Total Heptachlorodibenzofuran (HpCDF)	E1613B			14 - 15 ft	0 - 2 ft	2 - 4 ft
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				N	N	N
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				7622828.182	7622828.182	7622828.182
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				706285.687	706285.687	706285.687
PH-ROD Total PCDD/F (U = 1/2 max limit)						
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.01 U	9.79 U	7.81 U
Aroclor 1221	SW8082A			7.01 U	9.79 U	7.81 U
Aroclor 1232	SW8082A			7.01 U	9.79 U	7.81 U
Aroclor 1242	SW8082A			10.7 J	9.79 U	5.72 J
Aroclor 1248	SW8082A			7.01 U	9.79 U	7.81 U
Aroclor 1254	SW8082A			21.2 J	9.79 U	7.81 U
Aroclor 1260	SW8082A			21.5 J	9.79 U	7.81 U
Aroclor 1262	SW8082A			7.01 U	9.79 U	7.81 U
Aroclor 1268	SW8082A			7.01 U	9.79 U	7.81 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	74.4 JT	9.79 UT	37.0 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	103 U
Motor oil range hydrocarbons	NWTPHDx			--	--	317
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	4.74 UJ	4.14 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	86	--
Plastic limit	D4318			--	48	--
Plasticity index	D4318			--	38	--
Specific gravity	D854			--	2.58	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			3.55 J	19.1 J	44.7 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	87.4	--
Total organic carbon	SM5310BM			2.5	2.9	2.4
Total Solids	SM2540G			51.3	51.1	55.1
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	2.2	--
Total fines (Reported, not calculated)	D6913			--	97.8	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	100	--
Percent passing 110 micron sieve (#140)	D6913			--	99	--
Percent passing 850 micron sieve (#20)	D6913			--	100	--
Percent passing 425 micron sieve (#40)	D6913			--	100	--
Percent passing 250 micron sieve (#60)	D6913			--	99	--
Percent passing 150 micron sieve (#100)	D6913			--	99	--
Percent passing 75 micron sieve (#200)	D6913			--	98	--
Metals (mg/kg)						
Arsenic	SW6020B			5.39	5.34	5.9
Cadmium	SW6020B			0.179 J	0.375 J	0.417 J
Chromium	SW6020B			31.4	33.8	33.3
Copper	SW6020B			48	57.5	55.8
Lead	SW6020B			15.2	26.1	44.3
Manganese	SW6020B			820	732	853

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
				USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				11/5/2020	11/5/2020	11/5/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622828.182	7622828.182	7622828.182
				706285.687	706285.687	706285.687
Vanadium	SW6020B			103 J	94.4 J	104 J
Zinc	SW6020B			101	326	152
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			88.5 U	83.8 U	68.3 U
1,2-Dichloroethene, cis-	SW8260D			88.5 U	83.8 U	68.3 U
Benzene	SW8260D			35.4 U	33.5 U	27.3 U
Chlorobenzene	SW8260D		320	88.5 U	83.8 U	68.3 U
Ethylbenzene	SW8260D			88.5 U	83.8 U	68.3 U
m,p-Xylene	SW8260D			177 U	168 U	137 U
o-Xylene	SW8260D			88.5 U	83.8 U	68.3 U
Tetrachloroethene (PCE)	SW8260D			88.5 U	83.8 U	68.3 U
Toluene	SW8260D			177 U	168 U	137 U
Trichloroethene (TCE)	SW8260D			88.5 U	83.8 U	68.3 U
Vinyl chloride	SW8260D			88.5 U	83.8 U	68.3 U
PH-ROD Total BTEX (U = 1/2 max limit)				177 UT	168 UT	137 UT
PH-ROD Total Xylene (U = 1/2 max limit)				177 UT	168 UT	137 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			101	207	187
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			11.1	28	38.5
Pentachlorophenol	SW8270E			1830 U	485 U	451 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			11.6	41.7	81.2
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			69.6	122	221

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				Sample ID	Sample Date	Depth
				11/5/2020	11/5/2020	11/5/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				Sample Type	N	N
				Easting	7622828.182	7622828.182
				Northing	706285.687	706285.687
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			15.7	23.0 J	79.9
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			13.5	35.4	124
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			24.6	78.4	144
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			124	308	539
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			40.7	73.8 J	92.2 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			90.3	271	317
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			437 J	1220	956
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			592	1570	1130
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			415 J	1210	856
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			453 J	1130	874
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			470	1240	1040
Benzo(j)fluoranthene	SW8270ESIM			258	674	484
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			241	695	478
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			5.2 J	10.5 J	17.3 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			22.8	121	60
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			523	1440	1240
Decalin, cis-	SW8270ESIM			4.7 UJ	23.5 U	22.1 U
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			4.7 UJ	23.5 UJ	22.1 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			92.8	135 J	109 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			20.4	68.5	163
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			46	78.3	176
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			1040	2580	2730
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			97.5	178	404
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			458 J	898 J	717 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	69.4	182	235
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			383 J	596	425
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			554	1330	2360
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			1150	2630	2890
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				914 JT	2580 T	1820 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	819 JT	2050 JT	1500 JT
PH-ROD Total HPAH (U = 1/2 max limit)				5700 JT	14300 JT	12600 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1000 T	2420 JT	4090 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		6700 JT	16700 JT	16700 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			380	999	782
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			7.1	17.1 J	39.6
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			53.5	221	282
C1-Dibenz(a,h)anthracenes	SW8270ESIM			131	279	188
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			61.4	106	257
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			527	1280	1350
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			101	129	255

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			33.6	97.1	192
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			108	249	199
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			316	543	1230
C2-Benzanthracenes/Chrysenes	SW8270ESIM			231	467	499
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			15	25.1	88.5
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			74.4	325	599
C2-Dibenz(a,h)anthracenes	SW8270ESIM			27.7	142	96.5
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			87.2	174	340
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			270	593	610
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			73.4	138	300
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			70.9	134	513
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			84.2	177	185
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			291	530	997
C3-Benzanthracenes/Chrysenes	SW8270ESIM			113	240	246
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			25.4	23.0 J	82.8
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			52.2	250	348
C3-Dibenz(a,h)anthracenes	SW8270ESIM			4.7 U	34.6	29.2
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				Sample ID 11/5/2020	Sample ID 11/5/2020	Sample ID 11/5/2020
				Sample Date 4 - 6 ft	Sample Date 6 - 8 ft	Sample Date 8 - 10 ft
				Depth N	Depth N	Depth N
				Sample Type 7622828.182	Sample Type 7622828.182	Sample Type 7622828.182
				Easting 706285.687	Easting 706285.687	Easting 706285.687
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			84.9	204	307
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			179	455	439
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			88.3	174	344
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			124	173	680
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			41.8	23.5 U	22.1 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			206	370	642
C4-Benzanthracenes/Chrysenes	SW8270ESIM			62.8	132	117
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			85.5	437	541
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			67.8	123	164
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			160	252	188
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			88.1	146	423
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			9.3	21.1 J	12.0 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			81.4	254	283
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.87 U	3.97 U	8.46 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.87 U	4.73 U	9.54 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.87 U	3.78 U	3.60 U
4,4'-DDD (p,p'-DDD)	SW8081B			9.57	12.7	20.1
4,4'-DDE (p,p'-DDE)	SW8081B			5.8	8.54 J	11.8 J
4,4'-DDT (p,p'-DDT)	SW8081B			3.87 U	3.97 U	16.5

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
				USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				11/5/2020	11/5/2020	11/5/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622828.182	7622828.182	7622828.182
				706285.687	706285.687	706285.687
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.87 UT	4.73 UT	9.54 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				17.3 T	23.2 JT	48.4 JT
PH-ROD Sum DDD (U = 1/2 max limit)				11.5 T	14.7 T	24.3 T
PH-ROD Sum DDE (U = 1/2 max limit)				7.74 T	10.9 JT	16.6 JT
PH-ROD Sum DDT (U = 1/2 max limit)				3.87 UT	3.97 UT	18.3 T
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	23.1 T	29.5 JT	59.2 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			94 U	97 U	450 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			94 U	97 U	450 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
				USMPDI-043SC-B-04-06-201105	USMPDI-043SC-B-06-08-201105	USMPDI-043SC-B-08-10-201105
				11/5/2020	11/5/2020	11/5/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622828.182	7622828.182	7622828.182
				706285.687	706285.687	706285.687
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.78 U	7.72 U	7.10 U
Aroclor 1221	SW8082A			7.78 U	7.72 U	7.10 U
Aroclor 1232	SW8082A			7.78 U	7.72 U	7.10 U
Aroclor 1242	SW8082A			6.00 J	8.48 J	14.1 J
Aroclor 1248	SW8082A			7.78 U	7.72 U	7.10 U
Aroclor 1254	SW8082A			7.81 J	11.8 J	23.2 J
Aroclor 1260	SW8082A			5.21 J	7.75 J	17.9 J
Aroclor 1262	SW8082A			7.78 U	7.72 U	7.10 U
Aroclor 1268	SW8082A			7.78 U	7.72 U	7.10 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	42.4 JT	51.2 JT	76.5 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			95.2 U	194	226
Motor oil range hydrocarbons	NWTPHDx			320	635	546
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.78 UJ	3.71 UJ	3.49 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			21.2 J	230 J	197 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.2	--	--
Total Solids	SM2540G			57.9	56	56.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.68	6.19	6.01
Cadmium	SW6020B			0.358 J	0.569 J	0.463 J
Chromium	SW6020B			33.6	34.9	32
Copper	SW6020B			52.6	56.3	54.8
Lead	SW6020B			39.4	42.6	33.7
Manganese	SW6020B			1100	561	717

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				Location ID	Location ID	Location ID
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			107 J	116 J	108 J
Zinc	SW6020B			168	198	160
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			67.6 U	89.5 U	79.5 U
1,2-Dichloroethene, cis-	SW8260D			67.6 U	89.5 U	79.5 U
Benzene	SW8260D			27.0 U	35.8 U	31.8 U
Chlorobenzene	SW8260D		320	67.6 U	89.5 U	79.5 U
Ethylbenzene	SW8260D			67.6 U	89.5 U	79.5 U
m,p-Xylene	SW8260D			135 U	179 U	159 U
o-Xylene	SW8260D			67.6 U	89.5 U	79.5 U
Tetrachloroethene (PCE)	SW8260D			67.6 U	89.5 U	79.5 U
Toluene	SW8260D			135 U	179 U	159 U
Trichloroethene (TCE)	SW8260D			67.6 U	89.5 U	79.5 U
Vinyl chloride	SW8260D			67.6 U	89.5 U	79.5 U
PH-ROD Total BTEX (U = 1/2 max limit)				135 UT	179 UT	159 UT
PH-ROD Total Xylene (U = 1/2 max limit)				135 UT	179 UT	159 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			132	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			89.3	--	--
Pentachlorophenol	SW8270E			404 U	1680 U	1740 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			296	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			350	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			148	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			228	--	--
2-Methylantracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			340	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1980	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			82.6 J	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			793	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			664	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			586	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			451	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			453	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			506	--	--
Benzo(j)fluoranthene	SW8270ESIM			249	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			254	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			14.9 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			36.6	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			831	--	--
Decalin, cis-	SW8270ESIM			21.3 U	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			16.3 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			52.0 J	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			869	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			297	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			2860	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1470	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				11/5/2020	11/5/2020	11/5/2020
				10 - 12 ft	12 - 14 ft	14 - 15.4 ft
				N	N	N
				7622828.182	7622828.182	7622828.182
				706285.687	706285.687	706285.687
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			346 J	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	395	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			207	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			4770 J	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			2720	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				954 T	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	787 JT	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				9520 JT	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				9800 JT	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		19000 JT	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			763	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			48.4	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			352	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			130	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			331	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			1210	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			542	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			532	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			144	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			1850	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			347	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			109	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			661	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			54.2	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			389	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			660	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			419	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			1200	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			147	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			1210	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			21.3 U	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			127	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			350	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			21.3 U	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			323	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			384	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			399	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			1180	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			21.3 U	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			791	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			99.5	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			461	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			137	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			156	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			564	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			36.2	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			377	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.77 U	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			3.60 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.43 U	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			10.2	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			7.63	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			3.43 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
				USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				11/5/2020	11/5/2020	11/5/2020
				10 - 12 ft	12 - 14 ft	14 - 15.4 ft
				N	N	N
				7622828.182	7622828.182	7622828.182
				706285.687	706285.687	706285.687
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.77 UT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				19.5 T	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				12.1 T	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				9.43 T	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				3.43 UT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	24.9 T	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			430 U	450 U	440 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			430 U	450 U	440 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				USMPDI-043SC-B	USMPDI-043SC-B	USMPDI-043SC-B
				USMPDI-043SC-B-10-12-201105	USMPDI-043SC-B-12-14-201105	USMPDI-043SC-B-14-15.4-201105
				11/5/2020	11/5/2020	11/5/2020
				10 - 12 ft	12 - 14 ft	14 - 15.4 ft
				N	N	N
				7622828.182	7622828.182	7622828.182
				706285.687	706285.687	706285.687
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.89 U	--	--
Aroclor 1221	SW8082A			6.89 U	--	--
Aroclor 1232	SW8082A			6.89 U	--	--
Aroclor 1242	SW8082A			23.7 J	--	--
Aroclor 1248	SW8082A			6.89 U	--	--
Aroclor 1254	SW8082A			32.3 J	--	--
Aroclor 1260	SW8082A			19.7 J	--	--
Aroclor 1262	SW8082A			6.89 U	--	--
Aroclor 1268	SW8082A			6.89 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	96.4 JT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			253	--	--
Motor oil range hydrocarbons	NWTPHDx			554	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.39 U	9.04 J	9.31 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-05-06-201104	USMPDI-044SC-A-10-11-201104	USMPDI-044SC-A-11-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.2 J	3.0 J	2.1 J
Total Solids	SM2540G			54.3	56.9	59.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-05-06-201104	USMPDI-044SC-A-10-11-201104	USMPDI-044SC-A-11-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	811	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	105	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	1980 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	2790	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-05-06-201104	USMPDI-044SC-A-10-11-201104	USMPDI-044SC-A-11-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	2110	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	4530	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			243 J	--	4220
2-Methylnaphthalene	SW8270ESIM			--	1730 J	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			665	--	4630
Acenaphthene	SW8270ESIM			--	3870	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			451 U	--	3800 U
Acenaphthylene	SW8270ESIM			--	274 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			408 J	--	3430 J
Anthracene	SW8270ESIM			--	5280	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			1010	--	3450 J
Benzo(a)anthracene	SW8270ESIM			--	4080	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			1230	--	5230
Benzo(a)pyrene	SW8270ESIM			--	3580	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			1160	--	3860
Benzo(b)fluoranthene	SW8270ESIM			--	2070	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-05-06-201104	USMPDI-044SC-A-10-11-201104	USMPDI-044SC-A-11-12-201104
				Sample ID	Sample Date	Depth
				Sample Date	Depth	Sample Type
				Depth	Sample Type	Easting
				Sample Type	Easting	Northing
				Easting	Northing	
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	2420	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			758	--	3260 J
Benzo(g,h,i)perylene	SW8270ESIM			--	2590 J	--
Benzo(j)fluoranthene	SW8270ESIM			--	1350	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			437 J	--	3800 U
Benzo(k)fluoranthene	SW8270ESIM			--	1220	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	37.3 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	718	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			1380	--	3830
Chrysene	SW8270ESIM			--	4630	--
Decalin, cis-	SW8270ESIM			--	99.8 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	99.8 UJ	--
Dibenzo(a,h)anthracene	SW8270E			451 U	--	3800 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	289 J	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	503	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	3130	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			3530	--	9490
Fluoranthene	SW8270ESIM			--	10500	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			644	--	3100 J
Fluorene	SW8270ESIM			--	4270	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-05-06-201104	USMPDI-044SC-A-10-11-201104	USMPDI-044SC-A-11-12-201104
				Sample ID 11/4/2020	Sample ID 11/4/2020	Sample ID 11/4/2020
				Sample Date 5 - 6 ft	Sample Date 10 - 11 ft	Sample Date 11 - 12 ft
				Depth N	Depth N	Depth N
				Sample Type 7622922.141	Sample Type 7622922.141	Sample Type 7622922.141
				Easting 706317.123	Easting 706317.123	Easting 706317.123
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			657	--	2810 J
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	1790 J	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	339 J	--	6240
Naphthalene	SW8270ESIM		140000	--	431 J	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	870	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			3720	--	17100
Phenanthrene	SW8270ESIM			--	27800	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			3080	--	11100
Pyrene	SW8270ESIM			--	12800	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1600 JT	4640 T	5760 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1740 JT	4680 JT	8160 JT
PH-ROD Total HPAH (U = 1/2 max limit)				13500 JT	44900 JT	46800 JT
PH-ROD Total LPAH (U = 1/2 max limit)				6240 JT	43700 JT	41000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		19700 JT	88600 JT	87000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	3680	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	335	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	464	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	763	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	3550	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	6400	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	4780	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-05-06-201104	USMPDI-044SC-A-10-11-201104	USMPDI-044SC-A-11-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	3390	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	1250	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	14800	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	2230	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	1760	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	1060	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	390	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	2970	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	3410	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	4790	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	15100	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	770	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	8900	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	1220	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	3480	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	723	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	139	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-05-06-201104	USMPDI-044SC-A-10-11-201104	USMPDI-044SC-A-11-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	2050	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	2180	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	3180	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	18100	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	517	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	4580	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	569	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	1170	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	857	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	1010	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	10200	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	202	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	2470	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.68 U	10.4 U	26.7 J
2,4'-DDE (o,p'-DDE)	SW8081B			4.05 U	18.6 U	6.83 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.68 U	5.97 U	10.1
4,4'-DDD (p,p'-DDD)	SW8081B			20.0 J	39.6 J	73.5 J
4,4'-DDE (p,p'-DDE)	SW8081B			7.21 J	20.0 J	10.2 J
4,4'-DDT (p,p'-DDT)	SW8081B			7.54 UJ	8.95 UJ	646 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-05-06-201104	USMPDI-044SC-A-10-11-201104	USMPDI-044SC-A-11-12-201104
				USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-A
				USMPDI-044SC-A-05-06-201104	USMPDI-044SC-A-10-11-201104	USMPDI-044SC-A-11-12-201104
				11/4/2020	11/4/2020	11/4/2020
				5 - 6 ft	10 - 11 ft	11 - 12 ft
				N	N	N
				7622922.141	7622922.141	7622922.141
				706317.123	706317.123	706317.123
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.05 UT	18.6 UT	40.2 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				31.0 JT	64.1 JT	730 JT
PH-ROD Sum DDD (U = 1/2 max limit)				21.8 JT	44.8 JT	100 JT
PH-ROD Sum DDE (U = 1/2 max limit)				9.23 JT	29.3 JT	13.6 JT
PH-ROD Sum DDT (U = 1/2 max limit)				7.54 UJT	8.95 UJT	656 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	36.7 JT	81.6 JT	770 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000782 J	0.0012	0.000547 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00216 J	0.00229 J	0.000948 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00221 J	0.00302	0.00210 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0221	0.0219	0.00858
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00776	0.00746	0.00452
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.271	0.653	0.343
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			2.67	13.9	3.8
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00829 J	0.0142 J	0.0157 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0200 J	0.0271 J	0.027
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.168	0.22	0.295
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.645	1.7	1.28
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0234	0.0998	0.0113
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0407	0.149	0.0585
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0162	0.0934	0.0168
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0677	0.241	0.239
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0204	0.0673	0.176
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00181 J	0.0123	0.00382
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00562	0.0251	0.0259
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.054	0.242	0.304
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00958	0.0516	0.0708
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0965	0.637	0.226
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0733 J	0.293 J	0.0457 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.118 J	0.499	0.145

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-05-06-201104	USMPDI-044SC-A-10-11-201104	USMPDI-044SC-A-11-12-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.168	0.627 J	0.567
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.142	0.802	0.536
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0585 JT	0.252 JT	0.085 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0264 JT	0.104 JT	0.064 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0283 JT	0.0976 JT	0.064 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				3.31 JT	16.2 JT	5.3 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.02 U	6.85 U	6.54 U
Aroclor 1221	SW8082A			7.02 U	6.85 U	6.54 U
Aroclor 1232	SW8082A			7.02 U	6.85 U	6.54 U
Aroclor 1242	SW8082A			7.53 J	13.1 J	6.54 U
Aroclor 1248	SW8082A			7.02 U	6.85 U	6.54 U
Aroclor 1254	SW8082A			16.1 J	30.0 J	21.2 U
Aroclor 1260	SW8082A			13.8 J	39.8 J	13.9 J
Aroclor 1262	SW8082A			7.02 U	6.85 U	6.54 U
Aroclor 1268	SW8082A			7.02 U	6.85 U	6.54 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	58.5 JT	103 JT	47.4 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	1140	--
Motor oil range hydrocarbons	NWTPHDx			--	1190	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-15-16-201104	USMPDI-044SC-A-16-17-201104	USMPDI-044SC-B-00-02-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	12.3 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	2.5 J
Total Solids	SM2540G			60.6	68.6	44.6
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	5.26
Cadmium	SW6020B			--	--	0.237
Chromium	SW6020B			--	--	32.6
Copper	SW6020B			--	--	47.6
Lead	SW6020B			--	--	13.2
Manganese	SW6020B			--	--	698

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-15-16-201104	USMPDI-044SC-A-16-17-201104	USMPDI-044SC-B-00-02-201104
				11/4/2020	11/4/2020	11/4/2020
				15 - 16 ft	16 - 17 ft	0 - 2 ft
				N	N	N
				7622922.141	7622922.141	7622922.141
				706317.123	706317.123	706317.123
Vanadium	SW6020B			--	--	101
Zinc	SW6020B			--	--	107
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	81.4 U
1,2-Dichloroethene, cis-	SW8260D			--	--	81.4 U
Benzene	SW8260D			--	--	32.6 U
Chlorobenzene	SW8260D		320	--	--	81.4 U
Ethylbenzene	SW8260D			--	--	81.4 U
m,p-Xylene	SW8260D			--	--	163 U
o-Xylene	SW8260D			--	--	81.4 U
Tetrachloroethene (PCE)	SW8260D			--	--	81.4 U
Toluene	SW8260D			--	--	163 U
Trichloroethene (TCE)	SW8260D			--	--	81.4 U
Vinyl chloride	SW8260D			--	--	81.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	163 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	163 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			219	97.8	--
2-Methylpyrene	SW8270DMSIM			248	99.5	--
4-Methylpyrene	SW8270DMSIM			217	96.2	--
Benzo(b)fluorene	SW8270DMSIM			366	176	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			447	60.6	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	544 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			63.1	22.5	--
1-Methylnaphthalene	SW8270DMSIM			1370	118	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			549	204	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-15-16-201104	USMPDI-044SC-A-16-17-201104	USMPDI-044SC-B-00-02-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			225	78.2	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			931	262	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			225	79.3	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			206	73.3	--
2-Methylnaphthalene	SW8270DMSIM			1800	144	--
2-Methylnaphthalene	SW8270E			--	--	40.4 J
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			793	272	--
4-Methyldibenzothiophene	SW8270DMSIM			182	67.4	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			500	194	--
Acenaphthene	SW8270DMSIM			2860	878	--
Acenaphthene	SW8270E			--	--	105
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			224	86.1	--
Acenaphthylene	SW8270E			--	--	161
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			1850	763	--
Anthracene	SW8270E			--	--	214
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			1720	923	--
Benzo(a)anthracene	SW8270E			--	--	582
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			356	203	--
Benzo(a)pyrene	SW8270DMSIM			2460	1720	--
Benzo(a)pyrene	SW8270E			--	--	908
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			1490 J	1060 J	--
Benzo(b)fluoranthene	SW8270E			--	--	867
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			186	58.6	--
Benzo(e)pyrene	SW8270DMSIM			1380	960	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-15-16-201104	USMPDI-044SC-A-16-17-201104	USMPDI-044SC-B-00-02-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			2320	1830	--
Benzo(g,h,i)perylene	SW8270E			--	--	573
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			1240	692	--
Benzo(j,k)fluoranthene	SW8270E			--	--	325 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			583	292	--
Benzo thiophene	SW8270DMSIM			225	35.7	--
Benzo thiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			137	27	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			1980	1090	--
Chrysene	SW8270E			--	--	977
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			128	22.8	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	71.4
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			330 J	185 J	--
Dibenzofuran	SW8270DMSIM			229	72.1	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			1450	643	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			5870	3700	--
Fluoranthene	SW8270E			--	--	1940
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			1730	644	--
Fluorene	SW8270E			--	--	121
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			1690 J	1320 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-15-16-201104	USMPDI-044SC-A-16-17-201104	USMPDI-044SC-B-00-02-201104
				11/4/2020	11/4/2020	11/4/2020
				15 - 16 ft	16 - 17 ft	0 - 2 ft
				N	N	N
				7622922.141	7622922.141	7622922.141
				706317.123	706317.123	706317.123
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	494
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	2770	404	--
Naphthalene	SW8270E		140000	--	--	91.1
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			690	750	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			11000	5300	--
Phenanthrene	SW8270E			--	--	726
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			7090	4780	--
Pyrene	SW8270E			--	--	1670
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			1790 J	67.9	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2730 JT	1750 JT	1190 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3300 JT	2240 JT	1180 JT
PH-ROD Total HPAH (U = 1/2 max limit)				26000 JT	17000 JT	8410 JT
PH-ROD Total LPAH (U = 1/2 max limit)				22000 T	8200 T	1460 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		48000 JT	26000 JT	9870 JT
3-Methylphenanthrene	SW8270DMSIM			665	230	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			209	37.4	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			624	286	--
C1-Decalins	SW8270DMSIM			271	49.6	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			545	197	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			1860	797	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			543	230	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-15-16-201104	USMPDI-044SC-A-16-17-201104	USMPDI-044SC-B-00-02-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			2060	170	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			198	78.5	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			2610	930	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			340	96.9	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			356	150	--
C2-Decalins	SW8270DMSIM			440	77.9	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			455	149	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			564	214	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			536	182	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			2200	550	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			137	49.8	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			1420	476	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			345	124	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			251	94.8	--
C3-Decalins	SW8270DMSIM			369	65.2	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			323	102	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-15-16-201104	USMPDI-044SC-A-16-17-201104	USMPDI-044SC-B-00-02-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			320	112	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			485	154	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			1650	580	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			109	42.5	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			922	256	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			238	76.4	--
C4-Chrysenes	SW8270DMSIM			136	59.4	--
C4-Decalins	SW8270DMSIM			449	77.7	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			150	47.6	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			226	78.4	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			880	278	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			61.4	18.4	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			962	115	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			54.4 J	2.80 J	4.47 U
2,4'-DDE (o,p'-DDE)	SW8081B			16.3 J	2.88 UJ	4.47 U
2,4'-DDT (o,p'-DDT)	SW8081B			6.64 UJ	2.88 UJ	4.47 U
4,4'-DDD (p,p'-DDD)	SW8081B			177 J	10.3 J	3.20 J
4,4'-DDE (p,p'-DDE)	SW8081B			14.5 J	2.88 UJ	4.47 U
4,4'-DDT (p,p'-DDT)	SW8081B			385 J	2.88 UJ	4.47 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-15-16-201104	USMPDI-044SC-A-16-17-201104	USMPDI-044SC-B-00-02-201104
				11/4/2020	11/4/2020	11/4/2020
				15 - 16 ft	16 - 17 ft	0 - 2 ft
				N	N	N
				7622922.141	7622922.141	7622922.141
				706317.123	706317.123	706317.123
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				74.0 JT	5.68 JT	4.47 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				577 JT	13.2 JT	7.67 JT
PH-ROD Sum DDD (U = 1/2 max limit)				231 JT	13.1 JT	5.44 JT
PH-ROD Sum DDE (U = 1/2 max limit)				30.8 JT	2.88 UJT	4.47 UT
PH-ROD Sum DDT (U = 1/2 max limit)				388 JT	2.88 UJT	4.47 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	651 JT	18.9 JT	14.4 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	110 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	110 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000236 U	0.000215 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000562 U	0.000511 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000845 U	0.000769 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0064	0.000598 U	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00303 J	0.000534 U	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.168	0.0225	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			2.22	0.202	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00731	0.000878 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000562 U	0.000511 U	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0505	0.000769 U	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.409	0.0498	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00823	0.00142 J	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00898	0.00351	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00799	0.000350 U	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0166	0.00612	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00956	0.000488 U	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00314 J	0.000396 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00479	0.000424 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0703	0.00656	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00699	0.000382 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.158	0.0126	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0598	0.00619 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0659	0.000418 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-A	USMPDI-044SC-A	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-A-15-16-201104	USMPDI-044SC-A-16-17-201104	USMPDI-044SC-B-00-02-201104
				11/4/2020	11/4/2020	11/4/2020
				15 - 16 ft	16 - 17 ft	0 - 2 ft
				N	N	N
				7622922.141	7622922.141	7622922.141
				706317.123	706317.123	706317.123
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0851	0.00601	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.181	0.0145	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0225 JT	0.00315 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0101 JT	0.00168 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0114 JT	0.00179 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				2.69 JT	0.257 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.42 U	5.80 U	8.88 U
Aroclor 1221	SW8082A			6.42 U	5.80 U	15.9 U
Aroclor 1232	SW8082A			6.42 U	5.80 U	8.88 U
Aroclor 1242	SW8082A			6.42 U	5.80 U	8.88 U
Aroclor 1248	SW8082A			6.42 U	5.80 U	8.88 U
Aroclor 1254	SW8082A			12.7 U	5.80 U	8.87 J
Aroclor 1260	SW8082A			12.9	5.80 U	5.76 J
Aroclor 1262	SW8082A			6.42 U	5.80 U	8.88 U
Aroclor 1268	SW8082A			6.42 U	5.80 U	8.88 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	41.7 T	5.80 UT	49.2 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	4.34 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-02-04-201104	USMPDI-044SC-B-04-06-201104	USMPDI-044SC-B-06-08-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			6.49 JT	20.4	64.4
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.2 JT	--	2.3 J
Total Solids	SM2540G			52.4 T	53.9	55.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.06 T	5.75	5.69
Cadmium	SW6020B			0.221 T	0.321	0.414
Chromium	SW6020B			29.8 T	35.8	34.9
Copper	SW6020B			53.5 T	56.9	54.3
Lead	SW6020B			16.0 T	34.7	34.6
Manganese	SW6020B			699 T	733	739

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-02-04-201104	USMPDI-044SC-B-04-06-201104	USMPDI-044SC-B-06-08-201104
				USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
				USMPDI-044SC-B-02-04-201104	USMPDI-044SC-B-04-06-201104	USMPDI-044SC-B-06-08-201104
				11/4/2020	11/4/2020	11/4/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622922.141	7622922.141	7622922.141
				706317.123	706317.123	706317.123
Vanadium	SW6020B			94.5 T	99	108
Zinc	SW6020B			103 T	141	150
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			80.9 UT	69.5 U	68.8 U
1,2-Dichloroethene, cis-	SW8260D			80.9 UT	69.5 U	68.8 U
Benzene	SW8260D			32.4 UT	27.8 U	27.5 U
Chlorobenzene	SW8260D		320	80.9 UT	69.5 U	68.8 U
Ethylbenzene	SW8260D			80.9 UT	69.5 U	68.8 U
m,p-Xylene	SW8260D			162 UT	139 U	138 U
o-Xylene	SW8260D			80.9 UT	69.5 U	68.8 U
Tetrachloroethene (PCE)	SW8260D			80.9 UT	69.5 U	68.8 U
Toluene	SW8260D			162 UT	139 U	138 U
Trichloroethene (TCE)	SW8260D			80.9 UT	69.5 U	68.8 U
Vinyl chloride	SW8260D			80.9 UT	69.5 U	68.8 U
PH-ROD Total BTEX (U = 1/2 max limit)				162 UT	139 UT	138 UT
PH-ROD Total Xylene (U = 1/2 max limit)				162 UT	139 UT	138 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			154 T	257	276
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			15.6 JT	35.4 J	43.6 J
Pentachlorophenol	SW8270E			456 UT	917 U	1740 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			22.2 JT	56.2 J	75.8 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			137 T	241	339

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-02-04-201104	USMPDI-044SC-B-04-06-201104	USMPDI-044SC-B-06-08-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			24.6 JT	42.3 J	104
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			17.9 JT	40.3 J	121
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			38.5 JT	132 J	119 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			380 T	574	726
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			65.5 JT	78.9 J	105 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			214 T	318	489
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			900 T	1360	1700
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1130 T	1190	2130
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			819 T	932	1510
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-02-04-201104	USMPDI-044SC-B-04-06-201104	USMPDI-044SC-B-06-08-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			772 T	848	1460
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			878 JT	872 J	1710 J
Benzo(j)fluoranthene	SW8270ESIM			470 T	548	903
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			469 T	559	929
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			5.0 JT	9.5 J	10.9 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			165 T	96.4	193
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1120 T	1590	2060
Decalin, cis-	SW8270ESIM			49.8 UJT	49.9 UJ	49.9 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			49.8 UJT	49.9 UJ	49.9 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			80.8 JT	88.2 J	171 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			43.0 JT	138	162
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			102 T	180	223
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			2800 T	4740	4680
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			292 T	531	467
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-02-04-201104	USMPDI-044SC-B-04-06-201104	USMPDI-044SC-B-06-08-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			616 JT	621 J	1220 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	81.8 JT	177 J	179 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			405 T	442	636
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			1810 T	3620	3510
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			2650 T	4560	4960
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1800 T	2040 T	3340 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1500 JT	1580 JT	2800 JT
PH-ROD Total HPAH (U = 1/2 max limit)				12000 JT	17100 JT	22000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				2900 JT	5430 JT	5600 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		15000 JT	22500 JT	28000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			648 T	1000	1510
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			16.1 JT	34.7 J	29.7 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			120 T	104	222
C1-Dibenz(a,h)anthracenes	SW8270ESIM			196 T	214	381
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			101 T	176	323
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			1020 T	1700	1990
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			144 T	231	344

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-02-04-201104	USMPDI-044SC-B-04-06-201104	USMPDI-044SC-B-06-08-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			51.7 JT	153	167
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			172 T	239	345
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			604 T	1190	1610
C2-Benzanthracenes/Chrysenes	SW8270ESIM			351 T	540	740
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			26.5 JT	34.5 J	91.2
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			210 T	205	396
C2-Dibenz(a,h)anthracenes	SW8270ESIM			53.1 JT	53.6	97.5
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			136 T	232	445
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			437 T	717	885
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			132 T	227	424
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			140 T	221	539
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			88.1 T	158	191
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			470 T	815	1410
C3-Benzanthracenes/Chrysenes	SW8270ESIM			163 T	292	373
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			49.8 UT	49.9 U	108
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			143 T	171	295
C3-Dibenz(a,h)anthracenes	SW8270ESIM			20.7 JT	49.9 U	39.0 J
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-02-04-201104	USMPDI-044SC-B-04-06-201104	USMPDI-044SC-B-06-08-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			11/4/2020	11/4/2020	11/4/2020
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			2 - 4 ft	4 - 6 ft	6 - 8 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622922.141	7622922.141	7622922.141
C3-Fluorenes	SW8270ESIM			706317.123	706317.123	706317.123
C3-Naphthalenes	SW8270DMSIM					
C3-Naphthalenes	SW8270ESIM			124 T	209	383
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			254 T	488	617
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			136 T	277	444
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			185 T	327	759
C4-Chrysenes	SW8270ESIM			--	--	--
C4-Decalins	SW8270DMSIM			63.3 T	71	140
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			270 T	547	918
C4-Dibenzothiophenes	SW8270ESIM			52.2 JT	150	143
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			232 T	354	411
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			65.6 T	150	185
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			218 T	215	356
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			150 T	288	425
				--	--	--
				49.8 UT	60	54.8
				--	--	--
				104 T	224	487
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.93 T	--	8.59 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.74 UJT	--	15.2 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.74 UJT	--	3.58 U
4,4'-DDD (p,p'-DDD)	SW8081B			16.1 T	--	33.2
4,4'-DDE (p,p'-DDE)	SW8081B			4.88 T	--	12.4
4,4'-DDT (p,p'-DDT)	SW8081B			6.15 T	--	12.2 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-02-04-201104	USMPDI-044SC-B-04-06-201104	USMPDI-044SC-B-06-08-201104
				11/4/2020	11/4/2020	11/4/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622922.141	7622922.141	7622922.141
				706317.123	706317.123	706317.123
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				7.67 JT	--	15.2 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				27.1 T	--	51.7 T
PH-ROD Sum DDD (U = 1/2 max limit)				20.0 T	--	37.5 T
PH-ROD Sum DDE (U = 1/2 max limit)				6.75 JT	--	20.0 T
PH-ROD Sum DDT (U = 1/2 max limit)				8.02 JT	--	12.2 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	34.7 JT	--	65.4 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			96 UT	94 U	90 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			96 UT	94 U	90 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-02-04-201104	USMPDI-044SC-B-04-06-201104	USMPDI-044SC-B-06-08-201104
				11/4/2020	11/4/2020	11/4/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622922.141	7622922.141	7622922.141
				706317.123	706317.123	706317.123
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.42 UT	--	7.14 U
Aroclor 1221	SW8082A			7.42 UT	--	7.14 U
Aroclor 1232	SW8082A			7.42 UT	--	7.14 U
Aroclor 1242	SW8082A			5.36 JT	--	21.4 J
Aroclor 1248	SW8082A			7.42 UT	--	7.14 U
Aroclor 1254	SW8082A			9.72 JT	--	44.7 J
Aroclor 1260	SW8082A			6.86 JT	--	26.8 J
Aroclor 1262	SW8082A			7.42 UT	--	7.14 U
Aroclor 1268	SW8082A			7.42 UT	--	7.14 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	44.2 JT	--	114 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			95.6 UT	176	213
Motor oil range hydrocarbons	NWTPHDx			258 T	442	432
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.72 UJT	3.73 UJ	3.6 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-08-10-201104	USMPDI-044SC-B-10-12-201104	USMPDI-044SC-B-12-14-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			79	--	--
Plastic limit	D4318			44	--	--
Plasticity index	D4318			35	--	--
Specific gravity	D854			2.6	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			101	68.4	92.5
Conventional Parameters (pct)						
Moisture (water) content	D2216			75.6	--	--
Total organic carbon	SM5310BM			2.6 J	--	3.0 J
Total Solids	SM2540G			56.5	58.5	56.4
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			5.4	--	--
Total fines (Reported, not calculated)	D6913			94.6	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			98	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--
Percent passing 425 micron sieve (#40)	D6913			100	--	--
Percent passing 250 micron sieve (#60)	D6913			100	--	--
Percent passing 150 micron sieve (#100)	D6913			99	--	--
Percent passing 75 micron sieve (#200)	D6913			95	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.83	5.42	6.16
Cadmium	SW6020B			0.383	0.282	0.379
Chromium	SW6020B			33	31.9	32
Copper	SW6020B			52.2	48.7	55.6
Lead	SW6020B			46.8	28.4	44.8
Manganese	SW6020B			658	686	758

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-08-10-201104	USMPDI-044SC-B-10-12-201104	USMPDI-044SC-B-12-14-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			107	107	107
Zinc	SW6020B			174	137	158
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			75.7 U	65.7 U	69.0 U
1,2-Dichloroethene, cis-	SW8260D			75.7 U	65.7 U	69.0 U
Benzene	SW8260D			30.3 U	26.3 U	27.6 U
Chlorobenzene	SW8260D		320	75.7 U	65.7 U	69.0 U
Ethylbenzene	SW8260D			39.3 J	65.7 U	69.0 U
m,p-Xylene	SW8260D			151 U	131 U	138 U
o-Xylene	SW8260D			49.9 J	65.7 U	69.0 U
Tetrachloroethene (PCE)	SW8260D			75.7 U	65.7 U	69.0 U
Toluene	SW8260D			151 U	131 U	138 U
Trichloroethene (TCE)	SW8260D			75.7 U	65.7 U	69.0 U
Vinyl chloride	SW8260D			75.7 U	65.7 U	69.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				255 JT	131 UT	138 UT
PH-ROD Total Xylene (U = 1/2 max limit)				125 JT	131 UT	138 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			637	604	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			89.1 J	171	--
Pentachlorophenol	SW8270E			1650 U	1670 U	1630 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			1120 J	1430 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			1800	1670	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-08-10-201104	USMPDI-044SC-B-10-12-201104	USMPDI-044SC-B-12-14-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			993	1090	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			1570	1580	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	2630
2-Methylnaphthalene	SW8270ESIM			1430 J	1550 J	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	3400
Acenaphthene	SW8270ESIM			1830	2830	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	673 U
Acenaphthylene	SW8270ESIM			229 J	217 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	3600
Anthracene	SW8270ESIM			2240	3060	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	3870
Benzo(a)anthracene	SW8270ESIM			3260	3120	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	5960
Benzo(a)pyrene	SW8270ESIM			2680	2900	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	4450
Benzo(b)fluoranthene	SW8270ESIM			1810	1690	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-08-10-201104	USMPDI-044SC-B-10-12-201104	USMPDI-044SC-B-12-14-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			1960	1900	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	3850
Benzo(g,h,i)perylene	SW8270ESIM			2050 J	2250 J	--
Benzo(j)fluoranthene	SW8270ESIM			1100	1120	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	1480 J
Benzo(k)fluoranthene	SW8270ESIM			947	997	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			40.5 J	48.6 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			400	477	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	4600
Chrysene	SW8270ESIM			3480	3560	--
Decalin, cis-	SW8270ESIM			100 UJ	99.5 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			100 UJ	99.5 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	433
Dibenzo(a,h)anthracene	SW8270ESIM			234 J	241 J	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			282	284	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			1520	1740	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	10000
Fluoranthene	SW8270ESIM			7360	8760	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	2800
Fluorene	SW8270ESIM			1730	2650	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-08-10-201104	USMPDI-044SC-B-10-12-201104	USMPDI-044SC-B-12-14-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	3050
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1390 J	1480 J	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	1780
Naphthalene	SW8270ESIM		140000	556 J	678 J	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			732	702	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	13900
Phenanthrene	SW8270ESIM			13100	16000	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	11000
Pyrene	SW8270ESIM			9020	9920	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3900 T	3810 T	5930 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3570 JT	3800 JT	7500 JT
PH-ROD Total HPAH (U = 1/2 max limit)				33000 JT	36000 JT	49000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				21100 JT	27000 JT	28000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		54000 JT	63000 JT	77000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			3610	2790	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			218	244	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			884	778	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			655	503	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			2740	2130	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			5070	4700	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			2540	2650	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-08-10-201104	USMPDI-044SC-B-10-12-201104	USMPDI-044SC-B-12-14-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			2280	2680	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			1130	934	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			11100	8220	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			2170	1550	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			810	1070	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			1300	1160	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			299	208	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			2760	2180	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			3540	2510	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			2900	2580	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			6850	8690	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			733	534	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			9040	5760	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			1180	731	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			1610	1330	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			766	692	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			118	78.6 J	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-08-10-201104	USMPDI-044SC-B-10-12-201104	USMPDI-044SC-B-12-14-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			1830	1390	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			2030	1470	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			2170	1760	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			8840	9270	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			383	249	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			4630	3220	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			407	245	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			1160	1110	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			726	567	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			518	719	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			4260	4010	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			159	99.5 U	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			2160	2030	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			7.78 U	--	29.2
2,4'-DDE (o,p'-DDE)	SW8081B			13.1 U	--	26.2 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.54 U	--	4.25 U
4,4'-DDD (p,p'-DDD)	SW8081B			37.7	--	147
4,4'-DDE (p,p'-DDE)	SW8081B			15.7	--	22.8
4,4'-DDT (p,p'-DDT)	SW8081B			12.7 U	--	20.2 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-08-10-201104	USMPDI-044SC-B-10-12-201104	USMPDI-044SC-B-12-14-201104
				USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
				USMPDI-044SC-B-08-10-201104	USMPDI-044SC-B-10-12-201104	USMPDI-044SC-B-12-14-201104
				11/4/2020	11/4/2020	11/4/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622922.141	7622922.141	7622922.141
				706317.123	706317.123	706317.123
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				13.1 UT	--	44.4 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				59.8 T	--	180 T
PH-ROD Sum DDD (U = 1/2 max limit)				41.6 T	--	176 T
PH-ROD Sum DDE (U = 1/2 max limit)				22.3 T	--	35.9 T
PH-ROD Sum DDT (U = 1/2 max limit)				12.7 UT	--	20.2 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	72.0 T	--	224 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			1800 U	1700 U	1800 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			1800 U	1700 U	1800 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-08-10-201104	USMPDI-044SC-B-10-12-201104	USMPDI-044SC-B-12-14-201104
				USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-044SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.75 U	--	15.1 U
Aroclor 1221	SW8082A			6.75 U	--	38.1 U
Aroclor 1232	SW8082A			6.75 U	--	35.6 U
Aroclor 1242	SW8082A			23.6 J	--	22.1 U
Aroclor 1248	SW8082A			6.75 U	--	18.1 U
Aroclor 1254	SW8082A			37.9 J	--	26.2 J
Aroclor 1260	SW8082A			27.3 J	--	19.6 J
Aroclor 1262	SW8082A			6.75 U	--	7.02 U
Aroclor 1268	SW8082A			6.75 U	--	7.02 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	109 JT	--	117 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			589	665	--
Motor oil range hydrocarbons	NWTPHDx			774	720	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.57 UJ	3.42 UJ	5.55 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-14-16-201104	USMPDI-044SC-B-16-17.3-201104	USMPDI-045SC-A-01-02-201030
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			76.6	12.8	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.8 J	1.2 J	2
Total Solids	SM2540G			60.1	70.5	51.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.31	3.92	--
Cadmium	SW6020B			0.392	0.127 J	--
Chromium	SW6020B			30.2	24.8	--
Copper	SW6020B			48.3	30.7	--
Lead	SW6020B			29.3	12.6	--
Manganese	SW6020B			1090	563	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-14-16-201104	USMPDI-044SC-B-16-17.3-201104	USMPDI-045SC-A-01-02-201030
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			11/4/2020	11/4/2020	10/30/2020
Zinc	SW6020B			14 - 16 ft	16 - 17.3 ft	1 - 2 ft
				N	N	N
				7622922.141	7622922.141	7622964.281
				706317.123	706317.123	706465.493
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			82.8 U	54.9 U	--
1,2-Dichloroethene, cis-	SW8260D			82.8 U	54.9 U	--
Benzene	SW8260D			33.1 U	22.0 U	--
Chlorobenzene	SW8260D		320	82.8 U	54.9 U	--
Ethylbenzene	SW8260D			82.8 U	54.9 U	--
m,p-Xylene	SW8260D			166 U	110 U	--
o-Xylene	SW8260D			82.8 U	54.9 U	--
Tetrachloroethene (PCE)	SW8260D			82.8 U	54.9 U	--
Toluene	SW8260D			166 U	110 U	--
Trichloroethene (TCE)	SW8260D			82.8 U	54.9 U	--
Vinyl chloride	SW8260D			82.8 U	54.9 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				166 UT	110 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				166 UT	110 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			819 U	325 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-14-16-201104	USMPDI-044SC-B-16-17.3-201104	USMPDI-045SC-A-01-02-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2970	189	252 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			3230	1100	651 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			590 U	143 U	491
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2550	911	702
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2140	995	2760
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			3160	1830	4430
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2370	1270	3710
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-14-16-201104	USMPDI-044SC-B-16-17.3-201104	USMPDI-045SC-A-01-02-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2010	1420	2980
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			853 J	416 J	1170 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2550	1180	3140
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			218	102	368
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			7050	3770	5790
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2370	885	424
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-14-16-201104	USMPDI-044SC-B-16-17.3-201104	USMPDI-045SC-A-01-02-201030
				11/4/2020	11/4/2020	10/30/2020
				14 - 16 ft	16 - 17.3 ft	1 - 2 ft
				N	N	N
				7622922.141	7622922.141	7622964.281
				706317.123	706317.123	706465.493
Indeno(1,2,3-c,d)pyrene	SW8270E			1660	1040	2510
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	4110	443	963 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			12000	4920	3400 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			7700	4530	6920
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3220 JT	1690 JT	4880 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4010 JT	2270 JT	5710 JT
PH-ROD Total HPAH (U = 1/2 max limit)				30000 JT	16600 JT	33800 JT
PH-ROD Total LPAH (U = 1/2 max limit)				28000 T	8500 T	4250 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		57000 JT	25000 JT	38000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-14-16-201104	USMPDI-044SC-B-16-17.3-201104	USMPDI-045SC-A-01-02-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/4/2020	11/4/2020	10/30/2020
C1-Naphthalenes	SW8270ESIM			14 - 16 ft	16 - 17.3 ft	1 - 2 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622922.141	7622922.141	7622964.281
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706317.123	706317.123	706465.493
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-14-16-201104	USMPDI-044SC-B-16-17.3-201104	USMPDI-045SC-A-01-02-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			143	4.23	7.51 U
2,4'-DDE (o,p'-DDE)	SW8081B			60.2	2.81 U	9.01 U
2,4'-DDT (o,p'-DDT)	SW8081B			8.28 U	2.81 U	7.51 U
4,4'-DDD (p,p'-DDD)	SW8081B			478	12.7	19.9
4,4'-DDE (p,p'-DDE)	SW8081B			40	2.81 U	13.1 U
4,4'-DDT (p,p'-DDT)	SW8081B			122	2.81 U	7.51 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-14-16-201104	USMPDI-044SC-B-16-17.3-201104	USMPDI-045SC-A-01-02-201030
				11/4/2020	11/4/2020	10/30/2020
				14 - 16 ft	16 - 17.3 ft	1 - 2 ft
				N	N	N
				7622922.141	7622922.141	7622964.281
				706317.123	706317.123	706465.493
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				207 T	7.04 T	9.01 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				640 T	15.5 T	30.2 T
PH-ROD Sum DDD (U = 1/2 max limit)				621 T	16.9 T	23.7 T
PH-ROD Sum DDE (U = 1/2 max limit)				100 T	2.81 UT	13.1 UT
PH-ROD Sum DDT (U = 1/2 max limit)				126 T	2.81 UT	7.51 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	847 T	22.6 T	42.2 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			1700 U	1400 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			1700 U	1400 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000461 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000911 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000972 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00604
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00263
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.117
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	1.22
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00282 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00766 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0504 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.26
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.024
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0479
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.0336
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0388
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0103
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00254
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00435
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0207
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00414
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.0469
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0783 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.151

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-044SC-B	USMPDI-044SC-B	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-044SC-B-14-16-201104	USMPDI-044SC-B-16-17.3-201104	USMPDI-045SC-A-01-02-201030
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0879 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0522
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.0702 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.0284 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.0237 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	1.58 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			13.9 U	5.50 U	7.47 U
Aroclor 1221	SW8082A			27.0 U	5.50 U	7.47 U
Aroclor 1232	SW8082A			29.7 U	5.50 U	7.47 U
Aroclor 1242	SW8082A			20.6 U	5.50 U	9.01 J
Aroclor 1248	SW8082A			13.1 U	5.50 U	7.47 U
Aroclor 1254	SW8082A			26.0 U	5.50 U	20.0 U
Aroclor 1260	SW8082A			26.3	5.50 U	13.5 J
Aroclor 1262	SW8082A			6.38 U	5.50 U	7.47 U
Aroclor 1268	SW8082A			6.38 U	5.50 U	7.47 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	97.8 T	5.50 UT	54.9 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.36 UJ	2.79 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-A	USMPDI-045SC-A	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-A-02-03-201030	USMPDI-045SC-A-03-04-201030	USMPDI-045SC-A-04-05-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.99	0.14	0.05
Total Solids	SM2540G			60.3	84.5	88.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-A	USMPDI-045SC-A	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-A-02-03-201030	USMPDI-045SC-A-03-04-201030	USMPDI-045SC-A-04-05-201030
				10/30/2020	10/30/2020	10/30/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-A	USMPDI-045SC-A	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-A-02-03-201030	USMPDI-045SC-A-03-04-201030	USMPDI-045SC-A-04-05-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			392 U	11.7 U	11.3 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			3310	187	55.5
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			392 U	19.7	11.3 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			452	21.3	17.8 UJ
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			1040	31	56.1 UJ
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			1350	28.9	99.6
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			1080	24	74.3 UJ
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-A	USMPDI-045SC-A	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-A-02-03-201030	USMPDI-045SC-A-03-04-201030	USMPDI-045SC-A-04-05-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			848	18.9	73.4 UJ
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			413 J	8.62 J	27.7 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			1190	37.5	74.7 UJ
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			392 U	11.7 U	7.94 J
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			4440	261	118
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			1730	96.5	27.2
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-A	USMPDI-045SC-A	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-A-02-03-201030	USMPDI-045SC-A-03-04-201030	USMPDI-045SC-A-04-05-201030
				10/30/2020	10/30/2020	10/30/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Indeno(1,2,3-c,d)pyrene	SW8270E			715	15	58.3 UJ
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	525 U	11.7 U	13.4 UJ
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			7710	596	146
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			3700	277	157
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1490 JT	32.6 JT	64.8 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1830 JT	41.9 JT	117 JT
PH-ROD Total HPAH (U = 1/2 max limit)				15000 JT	708 JT	579 JT
PH-ROD Total LPAH (U = 1/2 max limit)				13900 T	932 T	256 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		29000 JT	1640 JT	834 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-A	USMPDI-045SC-A	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-A-02-03-201030	USMPDI-045SC-A-03-04-201030	USMPDI-045SC-A-04-05-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-A	USMPDI-045SC-A	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-A-02-03-201030	USMPDI-045SC-A-03-04-201030	USMPDI-045SC-A-04-05-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.29 U	2.29 U	2.14 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.78 U	2.29 U	2.14 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.29 U	2.29 U	2.14 U
4,4'-DDD (p,p'-DDD)	SW8081B			7.73 U	2.29 U	2.14 U
4,4'-DDE (p,p'-DDE)	SW8081B			6.08 U	2.29 U	2.14 U
4,4'-DDT (p,p'-DDT)	SW8081B			3.29 U	3.18	2.14 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-A	USMPDI-045SC-A	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-A-02-03-201030	USMPDI-045SC-A-03-04-201030	USMPDI-045SC-A-04-05-201030
				10/30/2020	10/30/2020	10/30/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.78 UT	2.29 UT	2.14 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				7.73 UT	5.47 T	2.14 UT
PH-ROD Sum DDD (U = 1/2 max limit)				7.73 UT	2.29 UT	2.14 UT
PH-ROD Sum DDE (U = 1/2 max limit)				6.08 UT	2.29 UT	2.14 UT
PH-ROD Sum DDT (U = 1/2 max limit)				3.29 UT	4.33 T	2.14 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	7.73 UT	8.90 T	2.14 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000933 J	0.0000618 J	0.0000754 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00149 J	0.000134 U	0.000148 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00137 J	0.000113 U	0.000124 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00703	0.000120 U	0.000125 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00335	0.000129 U	0.000130 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.147	0.00308	0.00223 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			1.96	0.0551	0.0312
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00260 J	0.000243 J	0.0000754 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0101 J	0.000134 U	0.000148 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0683 J	0.00141 J	0.000845
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.338	0.00772	0.00572
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0171 J	0.000335 J	0.000127 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0353	0.000398 J	0.000146 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0154	0.000330 J	0.0000920 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0605	0.000540 J	0.000232 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0148	0.000202 J	0.0000537 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00462	0.000135 U	0.0000961 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00331	0.0000967 U	0.0000600 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0408	0.000683 J	0.0000981 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0105	0.0000860 U	0.000105 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.095	0.00197 J	0.000105 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0517 J	0.000665	0.000235 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0889 J	0.00146 J	0.000450 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-A	USMPDI-045SC-A	USMPDI-045SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-A-02-03-201030	USMPDI-045SC-A-03-04-201030	USMPDI-045SC-A-04-05-201030
				10/30/2020	10/30/2020	10/30/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.124	0.00138	0.000574
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.106	0.00180 J	0.000105 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0481 JT	0.000945 JT	0.000396 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0227 JT	0.000462 JT	0.000244 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0219 JT	0.000432 JT	0.000242 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				2.42 JT	0.0631 JT	0.0346 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.57 U	4.62 U	4.43 U
Aroclor 1221	SW8082A			6.57 U	4.62 U	4.43 U
Aroclor 1232	SW8082A			6.57 U	4.62 U	4.43 U
Aroclor 1242	SW8082A			15.2 J	4.62 U	4.43 U
Aroclor 1248	SW8082A			6.57 U	4.62 U	4.43 U
Aroclor 1254	SW8082A			20.0 J	4.62 U	4.43 U
Aroclor 1260	SW8082A			14.2 J	4.62 U	4.43 U
Aroclor 1262	SW8082A			6.57 U	4.62 U	4.43 U
Aroclor 1268	SW8082A			6.57 U	4.62 U	4.43 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	69.1 JT	4.62 UT	4.43 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-00-02-201030	USMPDI-045SC-B-02-04-201030	USMPDI-045SC-B-04-06-201030
				USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
				USMPDI-045SC-B-00-02-201030	USMPDI-045SC-B-02-04-201030	USMPDI-045SC-B-04-06-201030
				10/30/2020	10/30/2020	10/30/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			29.7 J	2.85 J	0.130 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			48.6	67.2	86.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			9.66	4.57	3.21
Cadmium	SW6020B			0.377	0.124 J	0.116 U
Chromium	SW6020B			35.3	22.4	14.3
Copper	SW6020B			94	27.9	15.8
Lead	SW6020B			490	11.3	3.17
Manganese	SW6020B			821	782	268

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-00-02-201030	USMPDI-045SC-B-02-04-201030	USMPDI-045SC-B-04-06-201030
				10/30/2020	10/30/2020	10/30/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Vanadium	SW6020B			105	85.5	63.7
Zinc	SW6020B			153	75.9	45.2
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			24.9	3.83 U	3.84 U
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			77.8 U	52.7 U	35.1 U
1,2-Dichloroethene, cis-	SW8260D			77.8 U	52.7 U	35.1 U
Benzene	SW8260D			31.1 U	21.1 U	14.1 U
Chlorobenzene	SW8260D		320	77.8 U	52.7 U	35.1 U
Ethylbenzene	SW8260D			77.8 U	52.7 U	35.1 U
m,p-Xylene	SW8260D			156 U	105 U	70.3 U
o-Xylene	SW8260D			77.8 U	52.7 U	35.1 U
Tetrachloroethene (PCE)	SW8260D			77.8 U	52.7 U	35.1 U
Toluene	SW8260D			156 U	237	70.3 U
Trichloroethene (TCE)	SW8260D			77.8 U	52.7 U	35.1 U
Vinyl chloride	SW8260D			77.8 U	52.7 U	35.1 U
PH-ROD Total BTEX (U = 1/2 max limit)				156 UT	353 T	70.3 UT
PH-ROD Total Xylene (U = 1/2 max limit)				156 UT	105 UT	70.3 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			2020 U	1480 U	28.3 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-00-02-201030	USMPDI-045SC-B-02-04-201030	USMPDI-045SC-B-04-06-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			0 - 2 ft	2 - 4 ft	4 - 6 ft
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			N	N	N
2,6-Dimethylnaphthalene	SW8270DMSIM			7622964.281	7622964.281	7622964.281
2,6-Dimethylnaphthalene	SW8270ESIM			706465.493	706465.493	706465.493
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-00-02-201030	USMPDI-045SC-B-02-04-201030	USMPDI-045SC-B-04-06-201030
				10/30/2020	10/30/2020	10/30/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-00-02-201030	USMPDI-045SC-B-02-04-201030	USMPDI-045SC-B-04-06-201030
				10/30/2020	10/30/2020	10/30/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-00-02-201030	USMPDI-045SC-B-02-04-201030	USMPDI-045SC-B-04-06-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			0 - 2 ft	2 - 4 ft	4 - 6 ft
C1-Naphthalenes	SW8270ESIM			N	N	N
C1-Naphthobenzothiophenes	SW8270DMSIM			7622964.281	7622964.281	7622964.281
C1-Naphthobenzothiophenes	SW8270ESIM			706465.493	706465.493	706465.493
C1-Phenanthrenes/Anthracenes	SW8270DMSIM					
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM					
C2-Benzo(b)thiophene	SW8270DMSIM					
C2-Benzo(b)thiophene	SW8270ESIM					
C2-Chrysenes	SW8270DMSIM					
C2-Decalins	SW8270DMSIM					
C2-Decalins	SW8270ESIM					
C2-Dibenz(a,h)anthracenes	SW8270ESIM					
C2-Dibenzothiophenes	SW8270DMSIM					
C2-Dibenzothiophenes	SW8270ESIM					
C2-Fluoranthenes/Pyrenes	SW8270DMSIM					
C2-Fluoranthenes/Pyrenes	SW8270ESIM					
C2-Fluorenes	SW8270DMSIM					
C2-Fluorenes	SW8270ESIM					
C2-Naphthalenes	SW8270DMSIM					
C2-Naphthalenes	SW8270ESIM					
C2-Naphthobenzothiophenes	SW8270DMSIM					
C2-Naphthobenzothiophenes	SW8270ESIM					
C2-Phenanthrenes/Anthracenes	SW8270DMSIM					
C2-Phenanthrenes/Anthracenes	SW8270ESIM					
C3-Benzanthracenes/Chrysenes	SW8270ESIM					
C3-Benzo(b)thiophene	SW8270DMSIM					
C3-Benzo(b)thiophene	SW8270ESIM					
C3-Chrysenes	SW8270DMSIM					
C3-Decalins	SW8270DMSIM					
C3-Decalins	SW8270ESIM					
C3-Dibenz(a,h)anthracenes	SW8270ESIM					
C3-Dibenzothiophenes	SW8270DMSIM					

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-00-02-201030	USMPDI-045SC-B-02-04-201030	USMPDI-045SC-B-04-06-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-00-02-201030	USMPDI-045SC-B-02-04-201030	USMPDI-045SC-B-04-06-201030
				10/30/2020	10/30/2020	10/30/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			99 U	71 U	58 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			99 U	71 U	58 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-00-02-201030	USMPDI-045SC-B-02-04-201030	USMPDI-045SC-B-04-06-201030
				10/30/2020	10/30/2020	10/30/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	--
Aroclor 1221	SW8082A			--	--	--
Aroclor 1232	SW8082A			--	--	--
Aroclor 1242	SW8082A			--	--	--
Aroclor 1248	SW8082A			--	--	--
Aroclor 1254	SW8082A			--	--	--
Aroclor 1260	SW8082A			--	--	--
Aroclor 1262	SW8082A			--	--	--
Aroclor 1268	SW8082A			--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.01 U	2.93 U	2.28 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-06-08-201030	USMPDI-045SC-B-08-10-201030	USMPDI-045SC-B-10-12-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			NP	--	--
Plastic limit	D4318			NP	--	--
Plasticity index	D4318			NP	--	--
Specific gravity	D854			2.66	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.0754 J	0.121 UJ	0.111 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			27.8	--	--
Total organic carbon	SM5310BM			0.076	0.034	0.043
Total Solids	SM2540G			82.7	81.6	88.5
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			72.1	--	--
Total fines (Reported, not calculated)	D6913			27.9	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			28	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--
Percent passing 425 micron sieve (#40)	D6913			96	--	--
Percent passing 250 micron sieve (#60)	D6913			49	--	--
Percent passing 150 micron sieve (#100)	D6913			30	--	--
Percent passing 75 micron sieve (#200)	D6913			28	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.17	3.37	3.89
Cadmium	SW6020B			0.118 U	0.0682 J	0.0677 J
Chromium	SW6020B			13.9	13.8	15.8
Copper	SW6020B			17.2	16.5	18
Lead	SW6020B			5.88	2.81	3.33
Manganese	SW6020B			301	256	280

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-06-08-201030	USMPDI-045SC-B-08-10-201030	USMPDI-045SC-B-10-12-201030
				10/30/2020	10/30/2020	10/30/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Vanadium	SW6020B			60.8	67.2	70.8
Zinc	SW6020B			46.3	45.5	49.2
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			3.85 U	3.85 U	3.83 U
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			40.1 U	39.6 U	35.1 UJ
1,2-Dichloroethene, cis-	SW8260D			40.1 U	39.6 U	35.1 U
Benzene	SW8260D			16.1 U	15.8 U	14.0 U
Chlorobenzene	SW8260D		320	40.1 U	39.6 U	35.1 U
Ethylbenzene	SW8260D			40.1 U	39.6 U	35.1 U
m,p-Xylene	SW8260D			80.3 U	79.2 U	70.1 U
o-Xylene	SW8260D			40.1 U	39.6 U	35.1 U
Tetrachloroethene (PCE)	SW8260D			40.1 U	39.6 U	35.1 U
Toluene	SW8260D			80.3 U	79.2 U	70.1 U
Trichloroethene (TCE)	SW8260D			40.1 U	39.6 U	35.1 U
Vinyl chloride	SW8260D			40.1 U	39.6 UJ	35.1 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				80.3 UT	79.2 UT	70.1 UT
PH-ROD Total Xylene (U = 1/2 max limit)				80.3 UT	79.2 UT	70.1 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			30.1 U	29.3 U	26.2 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-06-08-201030	USMPDI-045SC-B-08-10-201030	USMPDI-045SC-B-10-12-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			3.01 U	2.93 U	2.62 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			145	21.8	18.6
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			5.41 U	2.93 U	2.62 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			5.06	2.93 U	2.62 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			6.73	1.92 J	2.62 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			10.9	2.02 J	2.62 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			8.84	1.75 J	2.62 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-06-08-201030	USMPDI-045SC-B-08-10-201030	USMPDI-045SC-B-10-12-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			7.69	2.93 U	2.62 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.92 J	2.93 U	2.62 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			8.19	1.98 J	2.62 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3.01 U	2.93 U	2.62 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			32.5	9.4	2.62 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			28.4	8.55	3.8
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-06-08-201030	USMPDI-045SC-B-08-10-201030	USMPDI-045SC-B-10-12-201030
				10/30/2020	10/30/2020	10/30/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Indeno(1,2,3-c,d)pyrene	SW8270E			6.38	2.93 U	2.62 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.71 J	2.93 U	2.62 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			82.8	25.6	4.82
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			31.1	9.66	2.62 U
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				11.8 JT	3.22 JT	2.62 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	14.6 JT	4.02 JT	2.62 UT
PH-ROD Total HPAH (U = 1/2 max limit)				117 JT	32.6 JT	2.62 UT
PH-ROD Total LPAH (U = 1/2 max limit)				268 JT	61.8 T	32.5 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		385 JT	94.4 JT	45.6 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-06-08-201030	USMPDI-045SC-B-08-10-201030	USMPDI-045SC-B-10-12-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			10/30/2020	10/30/2020	10/30/2020
C1-Naphthalenes	SW8270ESIM			6 - 8 ft	8 - 10 ft	10 - 12 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622964.281	7622964.281	7622964.281
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706465.493	706465.493	706465.493
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-06-08-201030	USMPDI-045SC-B-08-10-201030	USMPDI-045SC-B-10-12-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.28 U	2.34 U	2.24 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			2.28 U	2.34 U	2.24 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			2.28 U	2.34 U	2.24 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			2.28 U	2.34 U	2.24 UJ
4,4'-DDE (p,p'-DDE)	SW8081B			2.28 U	2.34 U	2.24 UJ
4,4'-DDT (p,p'-DDT)	SW8081B			2.28 U	2.34 U	2.24 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-06-08-201030	USMPDI-045SC-B-08-10-201030	USMPDI-045SC-B-10-12-201030
				10/30/2020	10/30/2020	10/30/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.28 UT	2.34 UT	2.24 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.28 UT	2.34 UT	2.24 UJT
PH-ROD Sum DDD (U = 1/2 max limit)				2.28 UT	2.34 UT	2.24 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				2.28 UT	2.34 UT	2.24 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				2.28 UT	2.34 UT	2.24 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.28 UT	2.34 UT	2.24 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			60 U	61 U	56 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			60 U	61 U	56 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-06-08-201030	USMPDI-045SC-B-08-10-201030	USMPDI-045SC-B-10-12-201030
				10/30/2020	10/30/2020	10/30/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.77 U	4.71 U	4.33 U
Aroclor 1221	SW8082A			4.77 U	4.71 U	4.33 U
Aroclor 1232	SW8082A			4.77 U	4.71 U	4.33 U
Aroclor 1242	SW8082A			4.77 U	4.71 U	4.33 U
Aroclor 1248	SW8082A			4.77 U	4.71 U	4.33 U
Aroclor 1254	SW8082A			4.77 U	4.71 U	4.33 U
Aroclor 1260	SW8082A			4.77 U	4.71 U	4.33 U
Aroclor 1262	SW8082A			4.77 U	4.71 U	4.33 U
Aroclor 1268	SW8082A			4.77 U	4.71 U	4.33 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.77 UT	4.71 UT	4.33 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.39 U	2.39 UJ	2.25 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				10/30/2020	10/30/2020	10/30/2020
				12 - 14 ft	14 - 16 ft	16 - 17.4 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.119 UJ	0.109 UJ	0.119 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.03	0.13	0.037
Total Solids	SM2540G			83.2	89.6	81.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.18	2.88	3.13
Cadmium	SW6020B			0.122 U	0.115 U	0.125 U
Chromium	SW6020B			13.3	12.8	12.9
Copper	SW6020B			15.9	14.7	16
Lead	SW6020B			2.73	2.42	2.64
Manganese	SW6020B			295	413	261

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				10/30/2020	10/30/2020	10/30/2020
				12 - 14 ft	14 - 16 ft	16 - 17.4 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Vanadium	SW6020B			64.9	57.1	64.5
Zinc	SW6020B			45.9	39.4	45.3
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			3.84 U	3.83 U	3.84 U
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			40.0 UJ	33.0 UJ	35.2 U
1,2-Dichloroethene, cis-	SW8260D			40.0 U	33.0 U	35.2 U
Benzene	SW8260D			16.0 U	13.2 U	14.1 U
Chlorobenzene	SW8260D		320	40.0 U	33.0 U	35.2 U
Ethylbenzene	SW8260D			40.0 U	33.0 U	35.2 U
m,p-Xylene	SW8260D			80.0 U	65.9 U	70.4 U
o-Xylene	SW8260D			40.0 U	33.0 U	35.2 U
Tetrachloroethene (PCE)	SW8260D			40.0 U	33.0 U	35.2 U
Toluene	SW8260D			80.0 U	65.9 U	70.4 U
Trichloroethene (TCE)	SW8260D			40.0 U	33.0 U	35.2 U
Vinyl chloride	SW8260D			40.0 UJ	33.0 UJ	35.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				80.0 UT	65.9 UT	70.4 UT
PH-ROD Total Xylene (U = 1/2 max limit)				80.0 UT	65.9 UT	70.4 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			28.5 U	25.9 U	28.8 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2.85 U	11.4	2.88 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			8.12	21.8	4.23
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.85 U	2.59 U	2.88 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.85 U	2.59 U	2.88 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2.85 U	2.59 U	2.88 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			2.85 U	2.59 U	2.88 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.85 U	2.59 U	2.88 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.85 U	2.59 U	2.88 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.85 U	2.59 U	2.88 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2.85 U	2.59 U	2.88 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			2.85 U	2.59 U	2.88 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			2.85 U	1.60 J	2.88 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.85 U	1.94 J	2.88 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				10/30/2020	10/30/2020	10/30/2020
				12 - 14 ft	14 - 16 ft	16 - 17.4 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Indeno(1,2,3-c,d)pyrene	SW8270E			2.85 U	2.59 U	2.88 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.85 U	6.57	2.88 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			2.85 U	6.37	2.88 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2.85 U	1.84 J	2.88 U
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.85 UT	2.59 UT	2.88 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.85 UT	2.59 UT	2.88 UT
PH-ROD Total HPAH (U = 1/2 max limit)				2.85 UT	13.8 JT	2.88 UT
PH-ROD Total LPAH (U = 1/2 max limit)				16.7 T	50.7 JT	12.9 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		30.9 T	64.5 JT	27.3 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.34 U	2.21 U	2.33 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.34 U	2.21 U	2.33 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.34 U	2.21 U	2.33 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.34 U	2.21 U	2.33 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.34 U	2.21 U	2.33 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.34 U	2.21 U	2.33 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				10/30/2020	10/30/2020	10/30/2020
				12 - 14 ft	14 - 16 ft	16 - 17.4 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.34 UT	2.21 UT	2.33 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.34 UT	2.21 UT	2.33 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.34 UT	2.21 UT	2.33 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.34 UT	2.21 UT	2.33 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.34 UT	2.21 UT	2.33 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.34 UT	2.21 UT	2.33 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			62 U	56 U	64 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			62 U	56 U	64 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				USMPDI-045SC-B	USMPDI-045SC-B	USMPDI-045SC-B
				USMPDI-045SC-B-12-14-201030	USMPDI-045SC-B-14-16-201030	USMPDI-045SC-B-16-17.4-201030
				10/30/2020	10/30/2020	10/30/2020
				12 - 14 ft	14 - 16 ft	16 - 17.4 ft
				N	N	N
				7622964.281	7622964.281	7622964.281
				706465.493	706465.493	706465.493
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.58 U	4.33 U	4.80 U
Aroclor 1221	SW8082A			4.58 U	4.33 U	4.80 U
Aroclor 1232	SW8082A			4.58 U	4.33 U	4.80 U
Aroclor 1242	SW8082A			4.58 U	4.33 U	4.80 U
Aroclor 1248	SW8082A			4.58 U	4.33 U	4.80 U
Aroclor 1254	SW8082A			4.58 U	4.33 U	4.80 U
Aroclor 1260	SW8082A			4.58 U	4.33 U	4.80 U
Aroclor 1262	SW8082A			4.58 U	4.33 U	4.80 U
Aroclor 1268	SW8082A			4.58 U	4.33 U	4.80 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.58 UT	4.33 UT	4.80 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.38 U	2.21 U	2.44 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
				USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				10/30/2020	10/30/2020	10/30/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.2	1.8 T	1.1
Total Solids	SM2540G			50.6	56.3 T	59.2
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				10/30/2020	10/30/2020	10/30/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			485 U	2220 UT	4150 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			584	2760 JT	5830
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			420 J	2220 UT	3000 J
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			701	2330 JT	2910 J
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2400	8200 T	8570
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			3900	13200 T	13000
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			3210	10500 T	9560
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2550	8190 T	7560
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			1130 J	3200 JT	3490 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			2730	9320 T	8820
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			336 J	2220 UT	4150 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			4840	16300 T	23300
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			377 J	1320 JT	4310
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				10/30/2020	10/30/2020	10/30/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Indeno(1,2,3-c,d)pyrene	SW8270E			2200	6830 T	6770
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	548	2530 JT	2460 J
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			3010	12700 T	27600
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			5500	20300 T	29100
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				4340 JT	14000 JT	13100 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	5000 JT	17000 JT	18000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				29000 JT	97000 JT	110000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				5900 JT	24000 JT	48000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		35000 JT	120000 JT	160000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			10/30/2020	10/30/2020	10/30/2020
C1-Naphthalenes	SW8270ESIM			1 - 2 ft	2 - 3 ft	3 - 4 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7623077.197	7623077.197	7623077.197
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706366.254	706366.254	706366.254
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			12.7 U	15.9 UT	6.18 U
2,4'-DDE (o,p'-DDE)	SW8081B			11.9 U	12.8 UT	6.34 U
2,4'-DDT (o,p'-DDT)	SW8081B			7.70 U	9.00 UT	3.34 U
4,4'-DDD (p,p'-DDD)	SW8081B			24.4	33.1 T	19
4,4'-DDE (p,p'-DDE)	SW8081B			13.9 U	15.6 UT	10.3
4,4'-DDT (p,p'-DDT)	SW8081B			7.70 U	7.96 UT	4.01 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				10/30/2020	10/30/2020	10/30/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				12.7 UT	15.9 UT	6.34 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				35.2 T	44.9 T	31.3 T
PH-ROD Sum DDD (U = 1/2 max limit)				30.8 T	41.1 T	22.1 T
PH-ROD Sum DDE (U = 1/2 max limit)				13.9 UT	15.6 UT	13.5 T
PH-ROD Sum DDT (U = 1/2 max limit)				7.70 UT	9.00 UT	4.01 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	51.4 T	63.7 T	39.2 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.00159	0.000395 JT	0.000675 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00193 J	0.00110 JT	0.00123 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00152 J	0.00107 JT	0.00146 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00932	0.00759 T	0.00862
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0041	0.00309 JT	0.00341
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.122	0.138 T	0.175
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			1.24	1.44 T	2.13
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0125 J	0.00446 JT	0.00719 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0195 J	0.0102 JT	0.0131
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0901	0.0609 T	0.0832
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.312	0.306 T	0.389
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0238	0.0121 T	0.0911
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0411	0.0176 T	0.127
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0192	0.00945 T	0.0638
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0542	0.0327 T	0.203
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0133	0.00881 T	0.056
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00247 J	0.00147 JT	0.00995
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00429	0.00256 JT	0.0144
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0254	0.0275 T	0.118
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00663	0.00533 T	0.043
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0478	0.0529 T	0.204
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0893 J	0.0439 JT	0.252 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.119	0.0560 JT	0.335

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-A
				USMPDI-047SC-A-01-02-201030	USMPDI-047SC-A-02-03-201030	USMPDI-047SC-A-03-04-201030
				10/30/2020	10/30/2020	10/30/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.121	0.0788 T	0.384
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.073	0.0675 T	0.27
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0592 JT	0.0304 JT	0.200 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0253 JT	0.0135 JT	0.0759 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0237 JT	0.0139 JT	0.0677 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				1.62 JT	1.76 JT	3.25 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.74 U	6.86 UT	6.54 U
Aroclor 1221	SW8082A			7.74 U	6.86 UT	6.54 U
Aroclor 1232	SW8082A			7.74 U	6.86 UT	6.54 U
Aroclor 1242	SW8082A			7.07 J	16.2 JT	25.4 J
Aroclor 1248	SW8082A			7.74 U	6.86 UT	6.54 U
Aroclor 1254	SW8082A			22.3 U	28.8 JT	40.0 J
Aroclor 1260	SW8082A			10.4 J	20.0 JT	24.8 J
Aroclor 1262	SW8082A			7.74 U	6.86 UT	6.54 U
Aroclor 1268	SW8082A			7.74 U	6.86 UT	6.54 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	51.8 JT	85.5 JT	110 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-04-05-201030	USMPDI-047SC-A-05-06-201030	USMPDI-047SC-D-00-02-201030
				10/30/2020	10/30/2020	10/30/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	64.2 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.15	--	--
Total Solids	SM2540G			83.8	87.5	48.6
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	5.33
Cadmium	SW6020B			--	--	0.267
Chromium	SW6020B			--	--	33
Copper	SW6020B			--	--	48.6
Lead	SW6020B			--	--	17.7
Manganese	SW6020B			--	--	679

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-04-05-201030	USMPDI-047SC-A-05-06-201030	USMPDI-047SC-D-00-02-201030
				10/30/2020	10/30/2020	10/30/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Vanadium	SW6020B			--	--	87.8
Zinc	SW6020B			--	--	215
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	75
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	84.6 U
1,2-Dichloroethene, cis-	SW8260D			--	--	84.6 U
Benzene	SW8260D			--	--	33.8 U
Chlorobenzene	SW8260D		320	--	--	84.6 U
Ethylbenzene	SW8260D			--	--	84.6 U
m,p-Xylene	SW8260D			--	--	169 U
o-Xylene	SW8260D			--	--	84.6 U
Tetrachloroethene (PCE)	SW8260D			--	--	84.6 U
Toluene	SW8260D			--	--	169 U
Trichloroethene (TCE)	SW8260D			--	--	84.6 U
Vinyl chloride	SW8260D			--	--	84.6 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	169 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	169 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	13.8	--
2-Methylpyrene	SW8270DMSIM			--	17.5	--
4-Methylpyrene	SW8270DMSIM			--	15.6	--
Benzo(b)fluorene	SW8270DMSIM			--	31.5	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	2.09	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	5070 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	2.23	--
1-Methylnaphthalene	SW8270DMSIM			--	2.47	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	22.4	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-04-05-201030	USMPDI-047SC-A-05-06-201030	USMPDI-047SC-D-00-02-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	3.53	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	1.79	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	7.62	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	7.86	--
2-Methylnaphthalene	SW8270DMSIM			--	5.28	--
2-Methylnaphthalene	SW8270E			6.60 J	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	17.9	--
4-Methyldibenzothiophene	SW8270DMSIM			--	8.69	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	14.8	--
Acenaphthene	SW8270DMSIM			--	43.9	--
Acenaphthene	SW8270E			112	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	12.3	--
Acenaphthylene	SW8270E			28.9	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	34.2	--
Anthracene	SW8270E			21.2	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	137	--
Benzo(a)anthracene	SW8270E			86.8	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	26.6	--
Benzo(a)pyrene	SW8270DMSIM			--	198	--
Benzo(a)pyrene	SW8270E			184	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	136 J	--
Benzo(b)fluoranthene	SW8270E			136	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	9.8	--
Benzo(e)pyrene	SW8270DMSIM			--	107	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-04-05-201030	USMPDI-047SC-A-05-06-201030	USMPDI-047SC-D-00-02-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	161	--
Benzo(g,h,i)perylene	SW8270E			120	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	106	--
Benzo(j,k)fluoranthene	SW8270E			43.4 J	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	37.8	--
Benzothiophene	SW8270DMSIM			--	1.13 J	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	15.6	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	145	--
Chrysene	SW8270E			103	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	0.185 J	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			13.6	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	28.5 J	--
Dibenzofuran	SW8270DMSIM			--	3.43	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	41.6	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	346	--
Fluoranthene	SW8270E			252	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	33.6	--
Fluorene	SW8270E			31.7	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	126 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-04-05-201030	USMPDI-047SC-A-05-06-201030	USMPDI-047SC-D-00-02-201030
				10/30/2020	10/30/2020	10/30/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Indeno(1,2,3-c,d)pyrene	SW8270E			99.8	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	14.7	--
Naphthalene	SW8270E		140000	23.6	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	58	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	199	--
Phenanthrene	SW8270E			159	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	424	--
Pyrene	SW8270E			296	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	8.08 J	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				179 JT	242 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	230 JT	268 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				1300 JT	1810 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				383 JT	343 T	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		1700 JT	2150 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	19.2	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	1.53	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	49	--
C1-Decalins	SW8270DMSIM			--	0.868	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	21.6	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	131	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	15.7	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-04-05-201030	USMPDI-047SC-A-05-06-201030	USMPDI-047SC-D-00-02-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	5.02	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	14	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	78	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	2.84	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	25.2	--
C2-Decalins	SW8270DMSIM			--	2.1	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	22.9	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	43.1	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	20.4	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	7.93	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	8.67	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	68.7	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	6.42	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	16.6	--
C3-Decalins	SW8270DMSIM			--	2.11	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	15.1	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-04-05-201030	USMPDI-047SC-A-05-06-201030	USMPDI-047SC-D-00-02-201030
				10/30/2020	10/30/2020	10/30/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	21.4	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	21.1	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	25.6	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	6.44	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	37.2	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	4.92	--
C4-Chrysenes	SW8270DMSIM			--	10.1	--
C4-Decalins	SW8270DMSIM			--	4.19	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	6.18	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	13.7	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	20.3	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	3.31	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	14.9	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.27 U	2.27 UJ	--
2,4'-DDE (o,p'-DDE)	SW8081B			2.27 U	2.27 UJ	--
2,4'-DDT (o,p'-DDT)	SW8081B			2.27 U	2.27 UJ	--
4,4'-DDD (p,p'-DDD)	SW8081B			1.17 J	1.26 J	--
4,4'-DDE (p,p'-DDE)	SW8081B			2.27 U	2.27 UJ	--
4,4'-DDT (p,p'-DDT)	SW8081B			2.27 U	2.27 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-04-05-201030	USMPDI-047SC-A-05-06-201030	USMPDI-047SC-D-00-02-201030
				10/30/2020	10/30/2020	10/30/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.27 UT	2.27 UJT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				3.44 JT	3.53 JT	--
PH-ROD Sum DDD (U = 1/2 max limit)				2.31 JT	2.40 JT	--
PH-ROD Sum DDE (U = 1/2 max limit)				2.27 UT	2.27 UJT	--
PH-ROD Sum DDT (U = 1/2 max limit)				2.27 UT	2.27 UJT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	6.85 JT	6.94 JT	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	99 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	99 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000679 U	0.000177 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000120 U	0.000421 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000132 U	0.000633 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000144 U	0.000492 U	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000153 U	0.000439 U	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00254	0.00313	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.032	0.0429	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0000679 U	0.000177 U	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000120 U	0.000421 U	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0011	0.000633 U	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00607	0.00784	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000450 J	0.000975	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000505 J	0.00343	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000301 J	0.00155 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000834 J	0.00966	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000236 J	0.00241 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000251 U	0.000326 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000152 U	0.000349 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000854 J	0.00422	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000125 U	0.00172 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00168 J	0.00583	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00194 J	0.00181 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00210 J	0.00337	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-A	USMPDI-047SC-A	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-A-04-05-201030	USMPDI-047SC-A-05-06-201030	USMPDI-047SC-D-00-02-201030
				10/30/2020	10/30/2020	10/30/2020
				4 - 5 ft	5 - 6 ft	0 - 2 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00193	0.00931	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00182 J	0.00434	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00105 JT	0.00452 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000469 JT	0.00277 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000438 JT	0.00239 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0400 JT	0.0772 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.68 U	4.51 U	--
Aroclor 1221	SW8082A			4.68 U	4.51 U	--
Aroclor 1232	SW8082A			4.68 U	4.51 U	--
Aroclor 1242	SW8082A			4.68 U	4.51 U	--
Aroclor 1248	SW8082A			4.68 U	4.51 U	--
Aroclor 1254	SW8082A			4.68 U	4.51 U	--
Aroclor 1260	SW8082A			4.68 U	4.51 U	--
Aroclor 1262	SW8082A			4.68 U	4.51 U	--
Aroclor 1268	SW8082A			4.68 U	4.51 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.68 UT	4.51 UT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	4.12 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-02-04-201030	USMPDI-047SC-D-04-06-201030	USMPDI-047SC-D-06-08-201030
				USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			51.5 J	0.413 J	0.517 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	0.22
Total Solids	SM2540G			57.5	85.2	71.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.14	3.17	3.48
Cadmium	SW6020B			0.341	0.115 U	0.145 U
Chromium	SW6020B			32.4	15.5	16.5
Copper	SW6020B			91.6	16.5	19.6
Lead	SW6020B			33.2	3.95	3.56
Manganese	SW6020B			585	297	351

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-02-04-201030	USMPDI-047SC-D-04-06-201030	USMPDI-047SC-D-06-08-201030
				10/30/2020	10/30/2020	10/30/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Vanadium	SW6020B			90.5	68.1	70.7
Zinc	SW6020B			144	49.6	50.9
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			23.2	3.84 U	3.86 U
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			75.1 U	35.6 U	42.0 U
1,2-Dichloroethene, cis-	SW8260D			75.1 U	35.6 U	42.0 U
Benzene	SW8260D			30.0 U	14.2 U	16.8 U
Chlorobenzene	SW8260D		320	75.1 U	35.6 U	42.0 U
Ethylbenzene	SW8260D			75.1 U	35.6 U	42.0 U
m,p-Xylene	SW8260D			150 U	71.2 U	84.0 U
o-Xylene	SW8260D			75.1 U	35.6 U	42.0 U
Tetrachloroethene (PCE)	SW8260D			75.1 U	35.6 U	42.0 U
Toluene	SW8260D			150 U	71.2 U	84.0 U
Trichloroethene (TCE)	SW8260D			75.1 U	35.6 U	42.0 U
Vinyl chloride	SW8260D			75.1 U	35.6 U	42.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				150 UT	71.2 UT	84.0 UT
PH-ROD Total Xylene (U = 1/2 max limit)				150 UT	71.2 UT	84.0 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			703	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			170	--	--
Pentachlorophenol	SW8270E			4170 U	112 U	664 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			192	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			799	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-02-04-201030	USMPDI-047SC-D-04-06-201030	USMPDI-047SC-D-06-08-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			270	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			302	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	66.4 U
2-Methylnaphthalene	SW8270ESIM			472	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	170
Acenaphthene	SW8270ESIM			2200	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	37.3 J
Acenaphthylene	SW8270ESIM			435	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	66.4 U
Anthracene	SW8270ESIM			1060	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	97.8
Benzo(a)anthracene	SW8270ESIM			3780	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	180
Benzo(a)pyrene	SW8270ESIM			4170	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	128
Benzo(b)fluoranthene	SW8270ESIM			2900	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-02-04-201030	USMPDI-047SC-D-04-06-201030	USMPDI-047SC-D-06-08-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			2610	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	118
Benzo(g,h,i)perylene	SW8270ESIM			1720 J	--	--
Benzo(j)fluoranthene	SW8270ESIM			1810	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	46.2 J
Benzo(k)fluoranthene	SW8270ESIM			1780	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			114	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			203	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	103
Chrysene	SW8270ESIM			4580	--	--
Decalin, cis-	SW8270ESIM			5.0 U	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			26.1 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	66.4 U
Dibenzo(a,h)anthracene	SW8270ESIM			426 J	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			207	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			1010	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	255
Fluoranthene	SW8270ESIM			11400	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	36.4 J
Fluorene	SW8270ESIM			1550	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-02-04-201030	USMPDI-047SC-D-04-06-201030	USMPDI-047SC-D-06-08-201030
				10/30/2020	10/30/2020	10/30/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	101
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			2430 J	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	66.4 U
Naphthalene	SW8270ESIM		140000	1140	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			1020	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	139
Phenanthrene	SW8270ESIM			10700	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	285
Pyrene	SW8270ESIM			11800	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				6500 T	--	174 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	5500 JT	--	250 JT
PH-ROD Total HPAH (U = 1/2 max limit)				47000 JT	--	1300 JT
PH-ROD Total LPAH (U = 1/2 max limit)				18000 T	--	480 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		64000 JT	--	1800 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			2830	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			77.1	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			201	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			390	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			828	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			4830	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			904	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-02-04-201030	USMPDI-047SC-D-04-06-201030	USMPDI-047SC-D-06-08-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			508	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			560	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			3470	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			1380	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			209	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			505	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			101	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			972	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			1810	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			873	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			901	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			462	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			2690	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			636	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			323	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			316	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			41.1	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-02-04-201030	USMPDI-047SC-D-04-06-201030	USMPDI-047SC-D-06-08-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			728	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			1130	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			747	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			1630	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			310	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			1510	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			309	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			614	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			329	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			945	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			1180	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			34.8	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			599	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	2.77 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	2.77 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	2.77 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	2.77 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	2.77 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	2.77 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-02-04-201030	USMPDI-047SC-D-04-06-201030	USMPDI-047SC-D-06-08-201030
				10/30/2020	10/30/2020	10/30/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	2.77 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	2.77 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	2.77 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	2.77 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	2.77 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	2.77 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			85 U	59 U	67 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			85 U	59 U	67 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-02-04-201030	USMPDI-047SC-D-04-06-201030	USMPDI-047SC-D-06-08-201030
				10/30/2020	10/30/2020	10/30/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	5.47 U
Aroclor 1221	SW8082A			--	--	5.47 U
Aroclor 1232	SW8082A			--	--	5.47 U
Aroclor 1242	SW8082A			--	--	5.47 U
Aroclor 1248	SW8082A			--	--	5.47 U
Aroclor 1254	SW8082A			--	--	5.47 U
Aroclor 1260	SW8082A			--	--	5.47 U
Aroclor 1262	SW8082A			--	--	5.47 U
Aroclor 1268	SW8082A			--	--	5.47 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	5.47 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.44 U	2.31 U	2.78 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-08-10-201030	USMPDI-047SC-D-10-12-201030	USMPDI-047SC-D-12-14-201030
				USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.133 J	0.119 UJ	0.112 UJT
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.44	0.035	0.21 T
Total Solids	SM2540G			81.9	83.9	87.2 T
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.08	2.86	3.31 T
Cadmium	SW6020B			0.126 U	0.117 U	0.117 UT
Chromium	SW6020B			15.4	13.6	15.5 T
Copper	SW6020B			16.8	15.4	16.7 T
Lead	SW6020B			2.92	2.34	2.80 T
Manganese	SW6020B			366	299	319 T

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-08-10-201030	USMPDI-047SC-D-10-12-201030	USMPDI-047SC-D-12-14-201030
				10/30/2020	10/30/2020	10/30/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Vanadium	SW6020B			65.7	64	66.1 T
Zinc	SW6020B			48.1	43.5	45.8 T
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			3.82 U	3.83 U	3.84 UT
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			36.8 U	40.3 U	32.6 UT
1,2-Dichloroethene, cis-	SW8260D			36.8 U	40.3 U	32.6 UT
Benzene	SW8260D			14.7 U	16.1 U	13.0 UT
Chlorobenzene	SW8260D		320	36.8 U	40.3 U	32.6 UT
Ethylbenzene	SW8260D			36.8 U	40.3 U	32.6 UT
m,p-Xylene	SW8260D			73.6 U	80.6 U	65.1 UT
o-Xylene	SW8260D			36.8 U	40.3 U	32.6 UT
Tetrachloroethene (PCE)	SW8260D			36.8 U	40.3 U	32.6 UT
Toluene	SW8260D			73.6 U	80.6 U	65.1 UT
Trichloroethene (TCE)	SW8260D			36.8 U	40.3 U	32.6 UT
Vinyl chloride	SW8260D			36.8 U	40.3 U	32.6 UT
PH-ROD Total BTEX (U = 1/2 max limit)				73.6 UT	80.6 UT	65.1 UT
PH-ROD Total Xylene (U = 1/2 max limit)				73.6 UT	80.6 UT	65.1 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			117 U	29.7 U	26.3 UT
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-08-10-201030	USMPDI-047SC-D-10-12-201030	USMPDI-047SC-D-12-14-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			11.7 U	2.97 U	2.63 UT
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			68.1	1.75 J	2.63 UT
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			11.7 U	2.97 U	2.63 UT
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			11.7 U	2.97 U	2.63 UT
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			18.8	2.97 U	2.63 UT
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			23.5	2.97 U	2.63 UT
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			15.7	2.97 U	2.63 UT
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-08-10-201030	USMPDI-047SC-D-10-12-201030	USMPDI-047SC-D-12-14-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			13.7	2.97 U	2.63 UT
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			11.7 U	2.97 U	2.63 UT
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			21.8	2.97 U	2.63 UT
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			11.7 U	2.97 U	2.63 UT
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			17.1	2.97 U	2.63 UT
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			11.7 U	2.97 U	2.63 UT
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-08-10-201030	USMPDI-047SC-D-10-12-201030	USMPDI-047SC-D-12-14-201030
				10/30/2020	10/30/2020	10/30/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Indeno(1,2,3-c,d)pyrene	SW8270E			11.5 J	2.97 U	2.63 UT
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	11.7 U	2.97 U	2.63 UT
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			11.7 U	2.97 U	2.63 UT
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			22.2	2.97 U	2.63 UT
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				21.6 T	2.97 UT	2.63 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	34.0 JT	2.97 UT	2.63 UT
PH-ROD Total HPAH (U = 1/2 max limit)				156 JT	2.97 UT	2.63 UT
PH-ROD Total LPAH (U = 1/2 max limit)				103 T	10.7 JT	2.63 UT
PH-ROD Total PAH (U = 1/2 max limit)		30000		259 JT	25.5 JT	2.63 UT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-08-10-201030	USMPDI-047SC-D-10-12-201030	USMPDI-047SC-D-12-14-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-08-10-201030	USMPDI-047SC-D-10-12-201030	USMPDI-047SC-D-12-14-201030
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.34 U	2.33 U	2.16 UT
2,4'-DDE (o,p'-DDE)	SW8081B			2.34 U	2.33 U	2.16 UT
2,4'-DDT (o,p'-DDT)	SW8081B			2.34 U	2.33 U	2.16 UT
4,4'-DDD (p,p'-DDD)	SW8081B			2.34 U	2.33 U	2.16 UT
4,4'-DDE (p,p'-DDE)	SW8081B			2.34 U	2.33 U	2.16 UT
4,4'-DDT (p,p'-DDT)	SW8081B			2.34 U	2.33 U	2.16 UT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-08-10-201030	USMPDI-047SC-D-10-12-201030	USMPDI-047SC-D-12-14-201030
				10/30/2020	10/30/2020	10/30/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.34 UT	2.33 UT	2.16 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.34 UT	2.33 UT	2.16 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.34 UT	2.33 UT	2.16 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.34 UT	2.33 UT	2.16 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.34 UT	2.33 UT	2.16 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.34 UT	2.33 UT	2.16 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			60 U	60 U	57 UT
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			60 U	60 U	57 UT
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-08-10-201030	USMPDI-047SC-D-10-12-201030	USMPDI-047SC-D-12-14-201030
				USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-047SC-D
				USMPDI-047SC-D-08-10-201030	USMPDI-047SC-D-10-12-201030	USMPDI-047SC-D-12-14-201030
				10/30/2020	10/30/2020	10/30/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7623077.197	7623077.197	7623077.197
				706366.254	706366.254	706366.254
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.85 U	4.57 U	4.34 UT
Aroclor 1221	SW8082A			4.85 U	4.57 U	4.34 UT
Aroclor 1232	SW8082A			4.85 U	4.57 U	4.34 UT
Aroclor 1242	SW8082A			4.85 U	4.57 U	4.34 UT
Aroclor 1248	SW8082A			4.85 U	4.57 U	4.34 UT
Aroclor 1254	SW8082A			4.85 U	4.57 U	4.34 UT
Aroclor 1260	SW8082A			4.85 U	4.57 U	4.34 UT
Aroclor 1262	SW8082A			4.85 U	4.57 U	4.34 UT
Aroclor 1268	SW8082A			4.85 U	4.57 U	4.34 UT
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.85 UT	4.57 UT	4.34 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.41 U	2.34 U	2.25 UT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-14-16-201030	USMPDI-047SC-D-16-17.7-201030	USMPDI-048SC-A-12-13-201103
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.123 UJ	-- R	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.3	1	1.5
Total Solids	SM2540G			81.1	78.7	66.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.06	3.35	--
Cadmium	SW6020B			0.0703 J	0.128 U	--
Chromium	SW6020B			12.6	14.7	--
Copper	SW6020B			16.2	16.3	--
Lead	SW6020B			2.64	2.8	--
Manganese	SW6020B			312	391	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-14-16-201030	USMPDI-047SC-D-16-17.7-201030	USMPDI-048SC-A-12-13-201103
				10/30/2020	10/30/2020	11/3/2020
				14 - 16 ft	16 - 17.7 ft	12 - 13 ft
				N	N	N
				7623077.197	7623077.197	7622990.014
				706366.254	706366.254	706317.046
Vanadium	SW6020B			62.3	65.4	--
Zinc	SW6020B			44.2	43.9	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			3.85 U	3.84 U	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			44.5 U	38.6 U	--
1,2-Dichloroethene, cis-	SW8260D			44.5 U	38.6 U	--
Benzene	SW8260D			17.8 U	15.5 U	--
Chlorobenzene	SW8260D		320	44.5 U	38.6 U	--
Ethylbenzene	SW8260D			44.5 U	38.6 U	--
m,p-Xylene	SW8260D			89.0 U	77.3 U	--
o-Xylene	SW8260D			44.5 U	38.6 U	--
Tetrachloroethene (PCE)	SW8260D			44.5 U	38.6 U	--
Toluene	SW8260D			89.0 U	77.3 U	--
Trichloroethene (TCE)	SW8260D			44.5 U	38.6 U	--
Vinyl chloride	SW8260D			44.5 U	38.6 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				89.0 UT	77.3 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				89.0 UT	77.3 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	1030
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	181
Pentachlorophenol	SW8270E			29.9 U	31.3 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	615
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	1150

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-14-16-201030	USMPDI-047SC-D-16-17.7-201030	USMPDI-048SC-A-12-13-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	237
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	694
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			2.99 U	3.13 U	--
2-Methylnaphthalene	SW8270ESIM			--	--	375
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2.99 U	3.13 U	--
Acenaphthene	SW8270ESIM			--	--	2590
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.99 U	3.13 U	--
Acenaphthylene	SW8270ESIM			--	--	164
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.99 U	3.13 U	--
Anthracene	SW8270ESIM			--	--	6400
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			2.99 U	3.13 U	--
Benzo(a)anthracene	SW8270ESIM			--	--	7560
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			2.99 U	3.13 U	--
Benzo(a)pyrene	SW8270ESIM			--	--	9250
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.99 U	3.13 U	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	5020
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-14-16-201030	USMPDI-047SC-D-16-17.7-201030	USMPDI-048SC-A-12-13-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	5680
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.99 U	3.13 U	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	7500
Benzo(j)fluoranthene	SW8270ESIM			--	--	3090
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.99 U	3.13 U	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	2920
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	82
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	119
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			1.51 J	3.13 U	--
Chrysene	SW8270ESIM			--	--	8260
Decalin, cis-	SW8270ESIM			--	--	25.0 U
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	29.0 J
Dibenzo(a,h)anthracene	SW8270E			2.99 U	3.13 U	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	842 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	262
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	2410
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			4.36	3.13 U	--
Fluoranthene	SW8270ESIM			--	--	28400
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.99 U	3.13 U	--
Fluorene	SW8270ESIM			--	--	2680
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-14-16-201030	USMPDI-047SC-D-16-17.7-201030	USMPDI-048SC-A-12-13-201103
				10/30/2020	10/30/2020	11/3/2020
				14 - 16 ft	16 - 17.7 ft	12 - 13 ft
				N	N	N
				7623077.197	7623077.197	7622990.014
				706366.254	706366.254	706317.046
Indeno(1,2,3-c,d)pyrene	SW8270E			2.99 U	3.13 U	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	4840 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	3.12	3.13 U	--
Naphthalene	SW8270ESIM		140000	--	--	1550
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	2570
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			6.82	3.13 U	--
Phenanthrene	SW8270ESIM			--	--	33700
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			2.99 U	3.13 U	--
Pyrene	SW8270ESIM			--	--	33400
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.99 UT	3.13 UT	11000 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3.45 JT	3.13 UT	11900 JT
PH-ROD Total HPAH (U = 1/2 max limit)				17.8 JT	3.13 UT	110000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				17.4 T	3.13 UT	47000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		35.2 JT	3.13 UT	160000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	2230
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	91.2
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	181
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	485
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	984
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	6250
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	1410

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-14-16-201030	USMPDI-047SC-D-16-17.7-201030	USMPDI-048SC-A-12-13-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	815
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	747
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	5470
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	25.0 U
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	209
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	449
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	143
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	546
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1340
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	790
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	1960
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	170
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1700
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	25.0 U
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	253
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	265
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	45.3
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-14-16-201030	USMPDI-047SC-D-16-17.7-201030	USMPDI-048SC-A-12-13-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	219
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	431
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	500
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	1700
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	89.6
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	733
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	25.0 U
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	328
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	102
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1380
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	926
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	48.4
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	514
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.37 U	2.53 U	5.88 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.37 U	2.53 U	10.6 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.37 U	2.53 U	5.88 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.37 U	2.53 U	5.88 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.37 U	2.53 U	5.88 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.37 U	2.53 U	5.88 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-14-16-201030	USMPDI-047SC-D-16-17.7-201030	USMPDI-048SC-A-12-13-201103
				10/30/2020	10/30/2020	11/3/2020
				14 - 16 ft	16 - 17.7 ft	12 - 13 ft
				N	N	N
				7623077.197	7623077.197	7622990.014
				706366.254	706366.254	706317.046
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.37 UT	2.53 UT	10.6 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.37 UT	2.53 UT	5.88 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.37 UT	2.53 UT	5.88 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.37 UT	2.53 UT	10.6 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.37 UT	2.53 UT	5.88 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.37 UT	2.53 UT	10.6 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			62 U	65 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			62 U	65 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000327 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000319 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000623 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000670 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000703 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.022
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	0.234
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.000327 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.000319 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00209
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.0499
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.000347 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.000242 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.000243 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.000420 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000430 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000558 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000443 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00459
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.000260 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.00299 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.000524 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.00400 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-047SC-D-14-16-201030	USMPDI-047SC-D-16-17.7-201030	USMPDI-048SC-A-12-13-201103
				USMPDI-047SC-D	USMPDI-047SC-D	USMPDI-048SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00481 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.01
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.000991 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.000807 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.000948 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	0.266 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.69 U	4.98 U	6.02 U
Aroclor 1221	SW8082A			4.69 U	4.98 U	6.02 U
Aroclor 1232	SW8082A			4.69 U	4.98 U	6.02 U
Aroclor 1242	SW8082A			4.69 U	4.98 U	6.02 U
Aroclor 1248	SW8082A			4.69 U	4.98 U	6.02 U
Aroclor 1254	SW8082A			4.69 U	4.98 U	6.02 U
Aroclor 1260	SW8082A			4.69 U	4.98 U	6.02 U
Aroclor 1262	SW8082A			4.69 U	4.98 U	6.02 U
Aroclor 1268	SW8082A			4.69 U	4.98 U	6.02 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.69 UT	4.98 UT	6.02 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	385
Motor oil range hydrocarbons	NWTPHDx			--	--	237
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.43 U	2.49 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-A	USMPDI-048SC-A	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-A-13-14-201103	USMPDI-048SC-A-14-15-201103	USMPDI-048SC-A-15-16-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.5	0.36	0.13
Total Solids	SM2540G			63.6	71.9	71.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-A	USMPDI-048SC-A	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-A-13-14-201103	USMPDI-048SC-A-14-15-201103	USMPDI-048SC-A-15-16-201103
				11/3/2020	11/3/2020	11/3/2020
				13 - 14 ft	14 - 15 ft	15 - 16 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	-- R
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-A	USMPDI-048SC-A	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-A-13-14-201103	USMPDI-048SC-A-14-15-201103	USMPDI-048SC-A-15-16-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			3750 U	33.4 U	13.3 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			3690 J	211	54.6
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3750 U	33.4 U	13.3 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3520 J	42.6	13.3 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			4860	124	11.0 J
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			8460	223	14.3 J
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			6190	158	11.5 J
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-A	USMPDI-048SC-A	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-A-13-14-201103	USMPDI-048SC-A-14-15-201103	USMPDI-048SC-A-15-16-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			5660	151	12.1 J
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2050 J	53.1 J	13.3 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			5750	146	13.5
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3750 U	33.4 U	13.3 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			17400	699	97.8 J
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2460 J	76.8	6.66 J
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-A	USMPDI-048SC-A	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-A-13-14-201103	USMPDI-048SC-A-14-15-201103	USMPDI-048SC-A-15-16-201103
				USMPDI-048SC-A-13-14-201103	USMPDI-048SC-A-14-15-201103	USMPDI-048SC-A-15-16-201103
				11/3/2020	11/3/2020	11/3/2020
				13 - 14 ft	14 - 15 ft	15 - 16 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
Indeno(1,2,3-c,d)pyrene	SW8270E			4740	121	9.40 J
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	4620	51.9	13.3 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			20700	1100	229
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			18900	813	112
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				8240 JT	211 JT	18.2 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	11900 JT	281 JT	24.2 JT
PH-ROD Total HPAH (U = 1/2 max limit)				75900 JT	2500 JT	295 JT
PH-ROD Total LPAH (U = 1/2 max limit)				38700 JT	1500 T	317 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		115000 JT	4000 JT	612 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-A	USMPDI-048SC-A	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-A-13-14-201103	USMPDI-048SC-A-14-15-201103	USMPDI-048SC-A-15-16-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-A	USMPDI-048SC-A	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-A-13-14-201103	USMPDI-048SC-A-14-15-201103	USMPDI-048SC-A-15-16-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			9.25 U	2.71 U	2.75 U
2,4'-DDE (o,p'-DDE)	SW8081B			23.8 U	2.71 U	2.75 U
2,4'-DDT (o,p'-DDT)	SW8081B			8.95 U	2.71 U	2.75 U
4,4'-DDD (p,p'-DDD)	SW8081B			6.79 U	2.71 U	2.75 U
4,4'-DDE (p,p'-DDE)	SW8081B			7.71 U	2.71 U	2.75 U
4,4'-DDT (p,p'-DDT)	SW8081B			6.48 U	2.71 U	2.75 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-A	USMPDI-048SC-A	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-A-13-14-201103	USMPDI-048SC-A-14-15-201103	USMPDI-048SC-A-15-16-201103
				11/3/2020	11/3/2020	11/3/2020
				13 - 14 ft	14 - 15 ft	15 - 16 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				23.8 UT	2.71 UT	2.75 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				7.71 UT	2.71 UT	2.75 UT
PH-ROD Sum DDD (U = 1/2 max limit)				9.25 UT	2.71 UT	2.75 UT
PH-ROD Sum DDE (U = 1/2 max limit)				23.8 UT	2.71 UT	2.75 UT
PH-ROD Sum DDT (U = 1/2 max limit)				8.95 UT	2.71 UT	2.75 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	23.8 UT	2.71 UT	2.75 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000293 U	0.000416 U	0.000286 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000391 U	0.000390 U	0.000445 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000744 U	0.000397 U	0.000614 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000848 U	0.000400 U	0.000691 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000809 U	0.000400 U	0.000655 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00131 J	0.000642 U	0.000671 U
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0174	0.00302 J	0.00156 J
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000293 U	0.000416 U	0.000286 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000391 U	0.000390 U	0.000445 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000848 U	0.000400 U	0.000691 U
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00289	0.000642 U	0.000671 U
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000325 U	0.000373 U	0.000300 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000245 U	0.000267 U	0.000193 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000205 U	0.000271 U	0.000179 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000313 U	0.000179 U	0.000170 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000281 U	0.000179 U	0.000161 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000404 U	0.000261 U	0.000248 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000301 U	0.000215 U	0.000193 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000332 U	0.000267 U	0.000174 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000382 U	0.000299 U	0.000166 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000400 U	0.000453 U	0.000456 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000469 J	0.000358 J	0.000301 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00135	0.000271 U	0.000193 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-A	USMPDI-048SC-A	USMPDI-048SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-A-13-14-201103	USMPDI-048SC-A-14-15-201103	USMPDI-048SC-A-15-16-201103
				USMPDI-048SC-A	USMPDI-048SC-A	USMPDI-048SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000874 J	0.000261 U	0.000248 U
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000382 U	0.000299 U	0.000174 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000754 JT	0.000815 JT	0.000707 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000673 JT	0.000635 JT	0.000624 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000600 JT	0.000575 JT	0.000552 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0218 JT	0.00572 JT	0.00436 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.11 U	5.40 U	5.51 U
Aroclor 1221	SW8082A			6.11 U	5.40 U	5.51 U
Aroclor 1232	SW8082A			6.11 U	5.40 U	5.51 U
Aroclor 1242	SW8082A			6.11 U	5.40 U	5.51 U
Aroclor 1248	SW8082A			6.11 U	5.40 U	5.51 U
Aroclor 1254	SW8082A			6.11 U	5.40 U	5.51 U
Aroclor 1260	SW8082A			6.11 U	5.40 U	5.51 U
Aroclor 1262	SW8082A			6.11 U	5.40 U	5.51 U
Aroclor 1268	SW8082A			6.11 U	5.40 U	5.51 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	6.11 UT	5.40 UT	5.51 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-00-02-201103	USMPDI-048SC-B-02-04-201103	USMPDI-048SC-B-04-06-201103
				USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
				USMPDI-048SC-B-00-02-201103	USMPDI-048SC-B-02-04-201103	USMPDI-048SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			35.4	111	35.8
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.6	2.6	1.9
Total Solids	SM2540G			45.8	55.8	58.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.59	5.8	4.6
Cadmium	SW6020B			0.26	0.365	0.232
Chromium	SW6020B			28.2	33.2	29.5
Copper	SW6020B			42.3	49.7	40.5
Lead	SW6020B			23.2	1050	19.1
Manganese	SW6020B			623	732	594

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-00-02-201103	USMPDI-048SC-B-02-04-201103	USMPDI-048SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
Vanadium	SW6020B			84.8	103	94.3
Zinc	SW6020B			136 J	175 J	125 J
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			99.3 U	76.8 U	64.3 U
1,2-Dichloroethene, cis-	SW8260D			99.3 U	76.8 U	64.3 U
Benzene	SW8260D			39.7 U	30.7 U	25.7 U
Chlorobenzene	SW8260D		320	99.3 U	76.8 U	64.3 U
Ethylbenzene	SW8260D			99.3 U	76.8 U	64.3 U
m,p-Xylene	SW8260D			199 U	154 U	129 U
o-Xylene	SW8260D			99.3 U	76.8 U	64.3 U
Tetrachloroethene (PCE)	SW8260D			99.3 U	76.8 U	64.3 U
Toluene	SW8260D			121 J	154 U	129 U
Trichloroethene (TCE)	SW8260D			99.3 U	76.8 U	64.3 U
Vinyl chloride	SW8260D			99.3 UJ	76.8 UJ	64.3 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				340 JT	154 UT	129 UT
PH-ROD Total Xylene (U = 1/2 max limit)				199 UT	154 UT	129 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	319 J	572
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	162 J	302
Pentachlorophenol	SW8270E			5080 U	1760 U	1630 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	1220	1910
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	992	1280

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-00-02-201103	USMPDI-048SC-B-02-04-201103	USMPDI-048SC-B-04-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	512	709
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	975	2460
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			341 J	--	--
2-Methylnaphthalene	SW8270ESIM			--	822	1120
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			653	--	--
Acenaphthene	SW8270ESIM			--	1350	2910
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			386 J	--	--
Acenaphthylene	SW8270ESIM			--	149 J	247
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			698	--	--
Anthracene	SW8270ESIM			--	1160	2420
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			1460	--	--
Benzo(a)anthracene	SW8270ESIM			--	1180	2560
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			1770	--	--
Benzo(a)pyrene	SW8270ESIM			--	1150	2600
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			1620	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	690	2110
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-00-02-201103	USMPDI-048SC-B-02-04-201103	USMPDI-048SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
Benzo(e)pyrene	SW8270ESIM			--	837	2320
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			1260	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	942	2010
Benzo(j)fluoranthene	SW8270ESIM			--	494	1350
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			604 J	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	432	1350
Benzoaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	63.9 J	111
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	98.1	458
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			1830	--	--
Chrysene	SW8270ESIM			--	1540	3320
Decalin, cis-	SW8270ESIM			--	5.0 UJ	24.9 U
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	70.2 J	107 J
Dibenzo(a,h)anthracene	SW8270E			508 U	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	133 J	403 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	211 J	337
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	851	1240
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			4730	--	--
Fluoranthene	SW8270ESIM			--	3640	7690
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			719	--	--
Fluorene	SW8270ESIM			--	1110	2660
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-00-02-201103	USMPDI-048SC-B-02-04-201103	USMPDI-048SC-B-04-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			1060	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	573 J	1880 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	827	--	--
Naphthalene	SW8270ESIM		140000	--	945	1270
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	304 J	790
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			3790	--	--
Phenanthrene	SW8270ESIM			--	7870	15900
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			4660	--	--
Pyrene	SW8270ESIM			--	4700	9750
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2220 JT	1600 T	4810 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2450 JT	1500 JT	3700 JT
PH-ROD Total HPAH (U = 1/2 max limit)				19200 JT	15000 JT	35000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				7410 JT	13400 JT	26500 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		26700 JT	29000 JT	62000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	1620	3210
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	186	655
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	575	895
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	218	713
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	1410	1420
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	2430	4740
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	1200	2240

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-00-02-201103	USMPDI-048SC-B-02-04-201103	USMPDI-048SC-B-04-06-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	1780	7530
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	109	321
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	4990	6360
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	1110	1680
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	526	1120
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	951	1670
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	106	299
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	1390	1210
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	1770	2390
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	1560	1740
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	4260	7790
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	364	532
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	3860	3740
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	528	915
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	650	1070
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	658	970
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	32.5	102
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-00-02-201103	USMPDI-048SC-B-02-04-201103	USMPDI-048SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
C3-Dibenzothiophenes	SW8270ESIM			--	903	954
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	985	1300
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	1310	1190
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	3640	6450
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	210	327
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	2250	1820
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	225	301
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	746	1050
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	367	373
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	330	927
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	1820	3250
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	10.8	33.4
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	1060	972
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			10.3 U	13.6 U	16.3 U
2,4'-DDE (o,p'-DDE)	SW8081B			27.4 U	16.9	16.3 U
2,4'-DDT (o,p'-DDT)	SW8081B			4.28 U	8.85 U	6.97 U
4,4'-DDD (p,p'-DDD)	SW8081B			22.7 J	49.2 J	39
4,4'-DDE (p,p'-DDE)	SW8081B			13.9 U	18.6	19
4,4'-DDT (p,p'-DDT)	SW8081B			6.68 U	9.39 U	9.96 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-00-02-201103	USMPDI-048SC-B-02-04-201103	USMPDI-048SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				27.4 UT	28.1 T	16.3 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				33.0 JT	72.5 JT	63.0 T
PH-ROD Sum DDD (U = 1/2 max limit)				27.9 JT	56.0 JT	47.2 T
PH-ROD Sum DDE (U = 1/2 max limit)				27.4 UT	35.5 T	27.2 T
PH-ROD Sum DDT (U = 1/2 max limit)				6.68 UT	9.39 UT	9.96 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	54.0 JT	101 JT	82.8 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			110 U	91 U	85 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			110 U	91 U	85 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-00-02-201103	USMPDI-048SC-B-02-04-201103	USMPDI-048SC-B-04-06-201103
				11/3/2020	11/3/2020	11/3/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			8.22 U	7.10 U	7.42 U
Aroclor 1221	SW8082A			8.22 U	7.10 U	6.75 U
Aroclor 1232	SW8082A			8.22 U	7.10 U	14.2 U
Aroclor 1242	SW8082A			20.8 J	20.1 J	11.1 U
Aroclor 1248	SW8082A			8.22 U	7.10 U	9.79 U
Aroclor 1254	SW8082A			29.0 J	50.5 J	27.7 U
Aroclor 1260	SW8082A			19.6 J	42.9 J	21.2
Aroclor 1262	SW8082A			8.22 U	7.10 U	6.75 U
Aroclor 1268	SW8082A			8.22 U	7.10 U	6.75 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	94.1 JT	135 JT	66.4 T
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	515	612
Motor oil range hydrocarbons	NWTPHDx			--	500	489
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.21 UJ	5.46 J	4.83 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-06-08-201103	USMPDI-048SC-B-08-10-201103	USMPDI-048SC-B-10-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			63.4	7.74	20
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.8	1.9	3.2
Total Solids	SM2540G			56.3	60.7	59.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.81	4.5	5.32
Cadmium	SW6020B			0.359	0.29	0.319
Chromium	SW6020B			33.6	26.6	30
Copper	SW6020B			50.7	39.3	45.1
Lead	SW6020B			41.1	20.9	31
Manganese	SW6020B			692	551	646

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-06-08-201103	USMPDI-048SC-B-08-10-201103	USMPDI-048SC-B-10-12-201103
				USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
				USMPDI-048SC-B-06-08-201103	USMPDI-048SC-B-08-10-201103	USMPDI-048SC-B-10-12-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
Vanadium	SW6020B			108	88.2	96.7
Zinc	SW6020B			164 J	105	120
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			66.8 UJ	58.4 U	58.1 U
1,2-Dichloroethene, cis-	SW8260D			66.8 U	58.4 U	58.1 U
Benzene	SW8260D			26.7 U	12.9 J	23.2 U
Chlorobenzene	SW8260D		320	66.8 U	58.4 U	58.1 U
Ethylbenzene	SW8260D			66.8 U	58.4 U	58.1 U
m,p-Xylene	SW8260D			134 U	117 U	116 U
o-Xylene	SW8260D			66.8 U	58.4 U	58.1 U
Tetrachloroethene (PCE)	SW8260D			66.8 U	58.4 U	58.1 U
Toluene	SW8260D			134 U	117 U	116 U
Trichloroethene (TCE)	SW8260D			66.8 U	58.4 U	58.1 U
Vinyl chloride	SW8260D			66.8 UJ	58.4 U	58.1 U
PH-ROD Total BTEX (U = 1/2 max limit)				134 UT	188 JT	116 UT
PH-ROD Total Xylene (U = 1/2 max limit)				134 UT	117 UT	116 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			565	271	2640
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			265	489	927
Pentachlorophenol	SW8270E			1630 U	798 U	3970 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			1920	1780	9770
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			1520	685	3640

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-06-08-201103	USMPDI-048SC-B-08-10-201103	USMPDI-048SC-B-10-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			1070	454	1850
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			1400	840	4510
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			1110	2660	14200
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			3440	3330	27300
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			189	148	633
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			2310	1590	17600
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			2840	1080	14100
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			3660	1200	17200
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1730	701	9100
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-06-08-201103	USMPDI-048SC-B-08-10-201103	USMPDI-048SC-B-10-12-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
Benzo(e)pyrene	SW8270ESIM			1910	841	10400
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			2040	944	12300
Benzo(j)fluoranthene	SW8270ESIM			1060	490	6090
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			941	483	6410
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			72	246	530
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			419	217	1760
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			3780	1400	18400
Decalin, cis-	SW8270ESIM			24.9 U	5.0 U	49.8 U
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			107 J	104 J	131 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			321 J	125 J	1590 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			317	323	1650
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			1740	1070	8850
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			7740	5380	60500
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			2600	1880	13700
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-06-08-201103	USMPDI-048SC-B-08-10-201103	USMPDI-048SC-B-10-12-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1450	586 J	7680 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	906	2390	6200
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			621	351	4360
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			13500	11300	102000
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			9780	6140	70000
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3730 T	1700 T	22000 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4600 JT	1600 JT	22000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				35300 JT	19000 JT	220000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				24000 T	23300 T	180000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		59000 JT	42000 JT	410000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			2600	695	6050
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			251	309	1530
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			721	5.0 U	1020
C1-Dibenz(a,h)anthracenes	SW8270ESIM			588	105	1180
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			1940	731	4540
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			4530	1320	12900
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			2370	935	6250

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-06-08-201103	USMPDI-048SC-B-08-10-201103	USMPDI-048SC-B-10-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			2470	3760	20000
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			250	99.9	1590
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			8050	2410	17100
C2-Benzanthracenes/Chrysenes	SW8270ESIM			1760	370	2160
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			1070	565	3030
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			1120	953	2280
C2-Dibenz(a,h)anthracenes	SW8270ESIM			309	43.9	380
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			1830	611	3200
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			2260	495	3490
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			2490	872	4400
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			8220	3900	21900
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			540	107	685
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			5300	1290	8750
C3-Benzanthracenes/Chrysenes	SW8270ESIM			861	175	954
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			1790	696	3640
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			712	547	1340
C3-Dibenz(a,h)anthracenes	SW8270ESIM			134	10.4	90.3
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-06-08-201103	USMPDI-048SC-B-08-10-201103	USMPDI-048SC-B-10-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			1320	396	2130
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			1540	313	1780
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			1820	625	3430
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			8040	2940	15800
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			340	50.6	708
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			2720	893	4050
C4-Benzanthracenes/Chrysenes	SW8270ESIM			382	91	315
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			973	657	1440
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			484	186	779
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			760	301	3280
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			4180	1420	7140
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			32.1	9.2	145
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			1660	420	1600
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			34.5	66.3 J	87.5
2,4'-DDE (o,p'-DDE)	SW8081B			32.8 U	34.5	47.1 U
2,4'-DDT (o,p'-DDT)	SW8081B			9.66 U	6.21 U	16.5 U
4,4'-DDD (p,p'-DDD)	SW8081B			133	239 J	172
4,4'-DDE (p,p'-DDE)	SW8081B			35	21.8	26.8
4,4'-DDT (p,p'-DDT)	SW8081B			20.4 U	123	16.5 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-06-08-201103	USMPDI-048SC-B-08-10-201103	USMPDI-048SC-B-10-12-201103
				11/3/2020	11/3/2020	11/3/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622990.014	7622990.014	7622990.014
				706317.046	706317.046	706317.046
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				55.7 T	104 JT	119 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				178 T	384 JT	207 T
PH-ROD Sum DDD (U = 1/2 max limit)				168 T	305 JT	260 T
PH-ROD Sum DDE (U = 1/2 max limit)				51.4 T	56.3 T	50.4 T
PH-ROD Sum DDT (U = 1/2 max limit)				20.4 UT	126 T	16.5 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	234 T	488 JT	326 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			90 U	82 U	82 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			90 U	82 U	82 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-048SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-06-08-201103	USMPDI-048SC-B-08-10-201103	USMPDI-048SC-B-10-12-201103
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			13.7 U	6.55 U	6.36 U
Aroclor 1221	SW8082A			6.84 U	6.55 U	6.36 U
Aroclor 1232	SW8082A			33.7 U	14.7 U	13.7 U
Aroclor 1242	SW8082A			34.2 U	7.53 U	6.36 U
Aroclor 1248	SW8082A			15.6 U	12.0 U	8.11 U
Aroclor 1254	SW8082A			46.0 U	25.2 U	21.8 U
Aroclor 1260	SW8082A			32.9	28	27.6
Aroclor 1262	SW8082A			6.84 U	6.55 U	6.36 U
Aroclor 1268	SW8082A			6.84 U	6.55 U	6.36 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	115 T	70.8 T	65.3 T
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			963	460	1910
Motor oil range hydrocarbons	NWTPHDx			961	509	2320
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			10.1 J	3.71 J	13.2 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-049SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-12-14-201103	USMPDI-048SC-B-14-16-201103	USMPDI-049SC-A-14-15-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	NP	--
Plastic limit	D4318			--	NP	--
Plasticity index	D4318			--	NP	--
Specific gravity	D854			--	2.71	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			11.9	0.211	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	36.7	--
Total organic carbon	SM5310BM			--	--	3.4
Total Solids	SM2540G			63.7	68.7	55.3
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	83.6	--
Total fines (Reported, not calculated)	D6913			--	16.4	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	100	--
Percent passing 110 micron sieve (#140)	D6913			--	17	--
Percent passing 850 micron sieve (#20)	D6913			--	100	--
Percent passing 425 micron sieve (#40)	D6913			--	97	--
Percent passing 250 micron sieve (#60)	D6913			--	42	--
Percent passing 150 micron sieve (#100)	D6913			--	19	--
Percent passing 75 micron sieve (#200)	D6913			--	16	--
Metals (mg/kg)						
Arsenic	SW6020B			3.13	2.33	--
Cadmium	SW6020B			0.149 J	0.144 U	--
Chromium	SW6020B			20.6	17.2	--
Copper	SW6020B			28.5	19.7	--
Lead	SW6020B			17	8.56	--
Manganese	SW6020B			324	349	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-049SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-12-14-201103	USMPDI-048SC-B-14-16-201103	USMPDI-049SC-A-14-15-201104
				11/3/2020	11/3/2020	11/4/2020
				12 - 14 ft	14 - 16 ft	14 - 15 ft
				N	N	N
				7622990.014	7622990.014	7622959.48
				706317.046	706317.046	706218.176
Vanadium	SW6020B			74.3	64.3	--
Zinc	SW6020B			74.1	52.5	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			52.0 U	39.5 U	--
1,2-Dichloroethene, cis-	SW8260D			52.0 U	39.5 U	--
Benzene	SW8260D			20.8 U	15.8 U	--
Chlorobenzene	SW8260D		320	52.0 U	39.5 U	--
Ethylbenzene	SW8260D			52.0 U	39.5 U	--
m,p-Xylene	SW8260D			104 U	79.0 U	--
o-Xylene	SW8260D			52.0 U	39.5 U	--
Tetrachloroethene (PCE)	SW8260D			52.0 U	39.5 U	--
Toluene	SW8260D			104 U	79.0 U	--
Trichloroethene (TCE)	SW8260D			52.0 U	39.5 U	--
Vinyl chloride	SW8260D			52.0 U	39.5 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				104 UT	79.0 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				104 UT	79.0 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	2420
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	158 J
Pentachlorophenol	SW8270E			3760 U	141 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	4990 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	6880

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-049SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-12-14-201103	USMPDI-048SC-B-14-16-201103	USMPDI-049SC-A-14-15-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	4430
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	6650
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	7140 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	8990
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	685 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	13200
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	10800
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	10600
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	6300
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-049SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-12-14-201103	USMPDI-048SC-B-14-16-201103	USMPDI-049SC-A-14-15-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	7300
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	8030 J
Benzo(j)fluoranthene	SW8270ESIM			--	--	4130
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	3670
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	67.4 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	1380
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	14200
Decalin, cis-	SW8270ESIM			--	--	250 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	250 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	858 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	1160
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	7130
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	29700
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	9140
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-049SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-12-14-201103	USMPDI-048SC-B-14-16-201103	USMPDI-049SC-A-14-15-201104
				11/3/2020	11/3/2020	11/4/2020
				12 - 14 ft	14 - 16 ft	14 - 15 ft
				N	N	N
				7622990.014	7622990.014	7622959.48
				706317.046	706317.046	706218.176
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	5520 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	694 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	2390
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	63300
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	37000
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	14000 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	14000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	130000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	103000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	230000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	12400
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	931
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	982
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	2050
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	9690
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	20300
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	11100

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-049SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-12-14-201103	USMPDI-048SC-B-14-16-201103	USMPDI-049SC-A-14-15-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/3/2020	11/3/2020	11/4/2020
C1-Naphthalenes	SW8270ESIM			12 - 14 ft	14 - 16 ft	14 - 15 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622990.014	7622990.014	7622959.48
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706317.046	706317.046	706218.176
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	10800
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	3430
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	42100
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	6770
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	4030
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	3060
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	1140
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	10500
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	11900
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	12200
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	31400
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	2490
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	26400
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	3470
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	7400
				--	--	--
				--	--	2310
				--	--	428
				--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-049SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-12-14-201103	USMPDI-048SC-B-14-16-201103	USMPDI-049SC-A-14-15-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	8220
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	6050
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	9530
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	37200
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	3090
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	13700
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1610
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	4720
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	2280
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	2770
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	18300
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	208 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	4550
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	28.7 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	108 J
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	17.9 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	149
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	56.1
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	34.1 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-049SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-12-14-201103	USMPDI-048SC-B-14-16-201103	USMPDI-049SC-A-14-15-201104
				11/3/2020	11/3/2020	11/4/2020
				12 - 14 ft	14 - 16 ft	14 - 15 ft
				N	N	N
				7622990.014	7622990.014	7622959.48
				706317.046	706317.046	706218.176
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	131 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	222 JT
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	163 JT
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	164 JT
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	34.1 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	353 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			77 U	69 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			77 U	69 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.0012
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.00301
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00412
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0274
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0103
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.993
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	18
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.0199
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.0334 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.25
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	2.28
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.14
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.24
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.128
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.429
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.111
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0211
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0371
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.36
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0804
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.807
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.399 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.735 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-049SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-048SC-B-12-14-201103	USMPDI-048SC-B-14-16-201103	USMPDI-049SC-A-14-15-201104
				USMPDI-048SC-B	USMPDI-048SC-B	USMPDI-049SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.969
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	1.08
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.36 T
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.16 T
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.15 T
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	21 T
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	19.3 U
Aroclor 1221	SW8082A			--	--	58.5 U
Aroclor 1232	SW8082A			--	--	64.2 U
Aroclor 1242	SW8082A			--	--	31.4 U
Aroclor 1248	SW8082A			--	--	31.2 U
Aroclor 1254	SW8082A			--	--	34.8 J
Aroclor 1260	SW8082A			--	--	32.3 J
Aroclor 1262	SW8082A			--	--	7.13 U
Aroclor 1268	SW8082A			--	--	7.13 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	177 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	2050
Motor oil range hydrocarbons	NWTPHDx			--	--	1380
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.09 UJ	2.77 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-15-16-201104	USMPDI-049SC-B-00-02-201104	USMPDI-049SC-B-02-04-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	37.4	36.5
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			3.6	2.6	2.4
Total Solids	SM2540G			56.1	43.5	51.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	5.1	4.99
Cadmium	SW6020B			--	0.201 J	0.196
Chromium	SW6020B			--	30.4	26.8
Copper	SW6020B			--	45.6	44.5
Lead	SW6020B			--	14.9	15.5
Manganese	SW6020B			--	617	582

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-15-16-201104	USMPDI-049SC-B-00-02-201104	USMPDI-049SC-B-02-04-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			--	93.5	85.9
Zinc	SW6020B			--	106	98.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	146 U	80.4 U
1,2-Dichloroethene, cis-	SW8260D			--	146 U	80.4 U
Benzene	SW8260D			--	58.4 U	32.2 U
Chlorobenzene	SW8260D		320	--	146 U	80.4 U
Ethylbenzene	SW8260D			--	146 U	80.4 U
m,p-Xylene	SW8260D			--	292 U	161 U
o-Xylene	SW8260D			--	146 U	80.4 U
Tetrachloroethene (PCE)	SW8260D			--	146 U	80.4 U
Toluene	SW8260D			--	292 U	161 U
Trichloroethene (TCE)	SW8260D			--	146 U	80.4 U
Vinyl chloride	SW8260D			--	146 U	80.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	292 UT	161 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	292 UT	161 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	197
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	22.8 J
Pentachlorophenol	SW8270E			--	1130 U	458 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	30.8 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	134

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-15-16-201104	USMPDI-049SC-B-00-02-201104	USMPDI-049SC-B-02-04-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	29.4 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	47.5 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			6800	125	--
2-Methylnaphthalene	SW8270ESIM			--	--	66.5 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			8460	240	--
Acenaphthene	SW8270ESIM			--	--	194
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			4270 U	182	--
Acenaphthylene	SW8270ESIM			--	--	89.9 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			7680	467	--
Anthracene	SW8270ESIM			--	--	193
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			7420	1040	--
Benzo(a)anthracene	SW8270ESIM			--	--	964
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			10600	1640	--
Benzo(a)pyrene	SW8270ESIM			--	--	1270
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			8320	1430	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	913
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-15-16-201104	USMPDI-049SC-B-00-02-201104	USMPDI-049SC-B-02-04-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	958
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			7580	1110	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	1080 J
Benzo(j)fluoranthene	SW8270ESIM			--	--	547
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2970 J	467 J	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	501
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	8.7 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	53.4 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			8830	1310	--
Chrysene	SW8270ESIM			--	--	1330
Decalin, cis-	SW8270ESIM			--	--	99.5 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	99.5 UJ
Dibenzo(a,h)anthracene	SW8270E			4270 U	144	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	103 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	28.0 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	100
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			21900	2360	--
Fluoranthene	SW8270ESIM			--	--	2250
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			6300	269	--
Fluorene	SW8270ESIM			--	--	152
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-15-16-201104	USMPDI-049SC-B-00-02-201104	USMPDI-049SC-B-02-04-201104
				11/4/2020	11/4/2020	11/4/2020
				15 - 16 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622959.48	7622959.48	7622959.48
				706218.176	706218.176	706218.176
Indeno(1,2,3-c,d)pyrene	SW8270E			6240	942	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	718 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2180 J	243	--
Naphthalene	SW8270ESIM		140000	--	--	151 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	431
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			34900	1480	--
Phenanthrene	SW8270ESIM			--	--	1030
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			24800	2360	--
Pyrene	SW8270ESIM			--	--	2510
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				11300 JT	1900 JT	1960 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	15000 JT	2130 JT	1640 JT
PH-ROD Total HPAH (U = 1/2 max limit)				101000 JT	12800 JT	12200 JT
PH-ROD Total LPAH (U = 1/2 max limit)				68000 JT	3000 T	1880 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		170000 JT	16000 JT	14100 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	929
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	34.9 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	281
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	219
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	140
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1180
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	168

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-15-16-201104	USMPDI-049SC-B-00-02-201104	USMPDI-049SC-B-02-04-201104
				Sample ID	Sample Date	Depth
				11/4/2020	11/4/2020	11/4/2020
				15 - 16 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				Eastings	Eastings	Eastings
				7622959.48	7622959.48	7622959.48
				Northings	Northings	Northings
				706218.176	706218.176	706218.176
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	90.8 J
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	215
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	668
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	451
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	35.4 J
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	391
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	93.7 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	230
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	667
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	157
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	172
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	141
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	615
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	267
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	99.5 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	210
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	44.3 J
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-15-16-201104	USMPDI-049SC-B-00-02-201104	USMPDI-049SC-B-02-04-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	--	182
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	414
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	173
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	260
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	221
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	469
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	102
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	428
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	91.8 J
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	385
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	192
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	99.5 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	226
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			33.8 UJ	4.58 UJ	3.97 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			93.3 J	6.42 UJ	13.8 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			17.8 UJ	4.58 UJ	3.78 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			165	6.62	10.7
4,4'-DDE (p,p'-DDE)	SW8081B			31.7	4.58 U	5.29 U
4,4'-DDT (p,p'-DDT)	SW8081B			21.3 UJ	4.58 UJ	4.92 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-A	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-A-15-16-201104	USMPDI-049SC-B-00-02-201104	USMPDI-049SC-B-02-04-201104
				USMPDI-049SC-A	USMPDI-049SC-B	USMPDI-049SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				119 JT	6.42 UJT	13.8 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				207 JT	11.2 JT	15.8 JT
PH-ROD Sum DDD (U = 1/2 max limit)				182 JT	8.91 JT	12.7 JT
PH-ROD Sum DDE (U = 1/2 max limit)				125 JT	6.42 UJT	13.8 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				21.3 UJT	4.58 UJT	4.92 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	326 JT	19.0 JT	26.6 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	110 U	99 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	110 U	99 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000679 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00146 J	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00282	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.027	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0074	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			1.29	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			24.3	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0125 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0183 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.223	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			2.98	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0365	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.068	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0367	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.147	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0444	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00504	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0148	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.377	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0389	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			1.28	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.118 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.235	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	USMPDI-049SC-A	USMPDI-049SC-B	USMPDI-049SC-B
								USMPDI-049SC-A-15-16-201104	USMPDI-049SC-B-00-02-201104	USMPDI-049SC-B-02-04-201104
	Analytical Method	Site-Wide RAL	PTW Threshold							
Total Hexachlorodibenzofuran (HxCDF)	E1613B							0.514 J	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B							1.36	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)								0.112 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)								0.0566 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)								0.0684 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)								27.7 JT	--	--
PCB Aroclors (µg/kg)										
Aroclor 1016	SW8082A							34.2 U	9.08 U	7.49 U
Aroclor 1221	SW8082A							7.01 U	9.08 U	7.49 U
Aroclor 1232	SW8082A							105 U	9.08 U	7.49 U
Aroclor 1242	SW8082A							51.2 U	9.08 U	7.41 J
Aroclor 1248	SW8082A							7.01 U	9.08 U	7.49 U
Aroclor 1254	SW8082A							40.3 U	9.08 U	12.9 J
Aroclor 1260	SW8082A							34.3	5.09 J	7.09 J
Aroclor 1262	SW8082A							7.01 U	9.08 U	7.49 U
Aroclor 1268	SW8082A							7.01 U	9.08 U	7.49 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200					164 T	41.4 JT	49.9 JT
Total Petroleum Hydrocarbons (mg/kg)										
Diesel range hydrocarbons	NWTPHDx							--	--	102
Motor oil range hydrocarbons	NWTPHDx							--	--	251
Extractable Petroleum Hydrocarbons (mg/kg)										
C10-C12 Aliphatics unadjusted	WAEPH							--	4.41 UJ	3.82 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			7.92	62.4	350
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.9	2.6	2.5
Total Solids	SM2540G			56.3	53.7	57.6
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.65	9.29	6.39
Cadmium	SW6020B			0.185	0.357	0.392
Chromium	SW6020B			28.2	61.9	33.9
Copper	SW6020B			43.2	73.8	66.3
Lead	SW6020B			14.2	35.2	56.6
Manganese	SW6020B			625	654	763

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
				USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				11/4/2020	11/4/2020	11/4/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622959.48	7622959.48	7622959.48
				706218.176	706218.176	706218.176
Vanadium	SW6020B			91	82.4	107
Zinc	SW6020B			88.7	214	198
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			73.5 U	73.9 U	73.4 U
1,2-Dichloroethene, cis-	SW8260D			73.5 U	73.9 U	73.4 U
Benzene	SW8260D			29.4 U	29.6 U	29.4 U
Chlorobenzene	SW8260D		320	73.5 U	73.9 U	73.4 U
Ethylbenzene	SW8260D			73.5 U	73.9 U	73.4 U
m,p-Xylene	SW8260D			147 U	148 U	147 U
o-Xylene	SW8260D			73.5 U	73.9 U	73.4 U
Tetrachloroethene (PCE)	SW8260D			73.5 U	73.9 U	73.4 U
Toluene	SW8260D			147 U	148 U	147 U
Trichloroethene (TCE)	SW8260D			73.5 U	73.9 U	73.4 U
Vinyl chloride	SW8260D			73.5 U	73.9 U	73.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				147 UT	148 UT	147 UT
PH-ROD Total Xylene (U = 1/2 max limit)				147 UT	148 UT	147 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			51.2	260	717
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			49.6 U	40.1 J	72.9 J
Pentachlorophenol	SW8270E			163 U	432 U	398 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			36.9 J	55.2 J	466 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			51.6	226	849

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			11.9 J	54.6 J	341
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			30.2 J	61.2 J	638
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			96.2 J	85.3 J	304 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			162	531	1810
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			22.9 J	110 J	309 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			83.5	341	1640
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			251	1650	3920
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			302	1560	4390
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			250	1260	3380
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			239	1270	3440
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			250 J	1500 J	4080 J
Benzo(j)fluoranthene	SW8270ESIM			144	742	2020
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			139	728	2000
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			4.4 J	10.6 J	33.2 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			21.7 J	102	260
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			313	1820	5090
Decalin, cis-	SW8270ESIM			49.6 UJ	99.8 UJ	99.9 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			49.6 UJ	99.8 UJ	99.9 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			24.4 J	144 J	399 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			22.3 J	74.6 J	424
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			36.6 J	172	858
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			722	3810	10100
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			120	416	1490
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			169 J	985 J	2850 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	88.4 J	194 J	424 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			222	550	1170
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			549	2450	9120
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			696	3980	11000
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				530 T	2730 T	7400 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	400 JT	2100 JT	5800 JT
PH-ROD Total HPAH (U = 1/2 max limit)				3300 JT	18000 JT	49000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1100 JT	4100 JT	15100 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		4400 JT	22000 JT	64000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			283	1230	3410
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			17.4 J	46.7 J	181
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			62.7	377	547
C1-Dibenz(a,h)anthracenes	SW8270ESIM			70.6	377	860
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			43.5 J	216	1160
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			339	1730	5000
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			75.7	221	1030

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			115	119	676
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			61.6	415	759
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			199	1070	6150
C2-Benzanthracenes/Chrysenes	SW8270ESIM			130	618	1790
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			17.9 J	55.2 J	476
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			111	515	768
C2-Dibenz(a,h)anthracenes	SW8270ESIM			49.6 U	101	331
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			53.9	343	1320
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			199	944	2650
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			47.9 J	293	1180
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			102	334	3130
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			40.6 J	240	539
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			169	942	4080
C3-Benzanthracenes/Chrysenes	SW8270ESIM			65.5	362	882
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			49.6 U	10.5 J	497
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			79.7	367	469
C3-Dibenz(a,h)anthracenes	SW8270ESIM			49.6 U	46.6 J	96.5 J
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			54.6	294	885
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			124	624	1340
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			53.8	343	1180
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			88.6	459	3230
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			35.7 J	99.8 U	377
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			122	664	2400
C4-Benzanthracenes/Chrysenes	SW8270ESIM			35.9 J	142	334
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			222	763	1010
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			39.8 J	174	388
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			98	445	948
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			57.3	241	1480
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			27.4 J	99.8 U	99.9 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			80.4	360	923
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.54 U	7.16 U	12.8 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.54 U	4.22 U	16.3 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.54 U	3.67 U	6.92 U
4,4'-DDD (p,p'-DDD)	SW8081B			13.5	19.2	40.4
4,4'-DDE (p,p'-DDE)	SW8081B			5.98 J	11.8	16.3 U
4,4'-DDT (p,p'-DDT)	SW8081B			3.54 U	6.25 U	8.65 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				11/4/2020	11/4/2020	11/4/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622959.48	7622959.48	7622959.48
				706218.176	706218.176	706218.176
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.54 UT	7.16 UT	16.3 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				21.3 JT	34.1 T	52.9 T
PH-ROD Sum DDD (U = 1/2 max limit)				15.3 T	22.8 T	46.8 T
PH-ROD Sum DDE (U = 1/2 max limit)				7.75 JT	13.9 T	16.3 UT
PH-ROD Sum DDT (U = 1/2 max limit)				3.54 UT	6.25 UT	8.65 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	26.6 JT	41.7 T	70.9 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			1800 UJ	1800 UJ	1700 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			1800 U	1800 U	1700 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
				USMPDI-049SC-B-04-06-201104	USMPDI-049SC-B-06-08-201104	USMPDI-049SC-B-08-10-201104
				11/4/2020	11/4/2020	11/4/2020
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622959.48	7622959.48	7622959.48
				706218.176	706218.176	706218.176
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.58 U	6.93 U	6.55 U
Aroclor 1221	SW8082A			6.58 U	6.93 U	6.55 U
Aroclor 1232	SW8082A			6.58 U	6.93 U	6.55 U
Aroclor 1242	SW8082A			5.78 J	8.18 J	35.5 J
Aroclor 1248	SW8082A			6.58 U	6.93 U	6.55 U
Aroclor 1254	SW8082A			6.71 J	17.8 J	54.1 J
Aroclor 1260	SW8082A			3.73 J	11.2 J	30.7 J
Aroclor 1262	SW8082A			6.58 U	6.93 U	6.55 U
Aroclor 1268	SW8082A			6.58 U	6.93 U	6.55 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	36.0 JT	58.0 JT	140 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			89.0 U	233	478
Motor oil range hydrocarbons	NWTPHDx			188	470	623
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.5 UJ	3.63 UJ	3.37 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			74	--	--
Plastic limit	D4318			41	--	--
Plasticity index	D4318			33	--	--
Specific gravity	D854			2.63	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			420	419	541
Conventional Parameters (pct)						
Moisture (water) content	D2216			70.9	--	--
Total organic carbon	SM5310BM			2.8	2.8	--
Total Solids	SM2540G			57.6	56	57
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			10.4	--	--
Total fines (Reported, not calculated)	D6913			89.6	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			92	--	--
Percent passing 850 micron sieve (#20)	D6913			99	--	--
Percent passing 425 micron sieve (#40)	D6913			98	--	--
Percent passing 250 micron sieve (#60)	D6913			95	--	--
Percent passing 150 micron sieve (#100)	D6913			94	--	--
Percent passing 75 micron sieve (#200)	D6913			90	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.72	5.76	6.39
Cadmium	SW6020B			0.329	0.382	0.571
Chromium	SW6020B			30.8	32.3	32.4
Copper	SW6020B			55.4	62	55.1
Lead	SW6020B			48.4	36.5	202
Manganese	SW6020B			623	667	594

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
				USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				11/4/2020	11/4/2020	11/4/2020
				10 - 12 ft	12 - 14 ft	14 - 16 ft
				N	N	N
				7622959.48	7622959.48	7622959.48
				706218.176	706218.176	706218.176
Vanadium	SW6020B			100	104	121
Zinc	SW6020B			177	183	214
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			65.8 U	71.1 U	69.4 U
1,2-Dichloroethene, cis-	SW8260D			65.8 U	71.1 U	69.4 U
Benzene	SW8260D			26.3 U	28.4 U	15.3 J
Chlorobenzene	SW8260D		320	65.8 U	71.1 U	69.4 U
Ethylbenzene	SW8260D			65.8 U	71.1 U	2300
m,p-Xylene	SW8260D			132 U	142 U	139 U
o-Xylene	SW8260D			65.8 U	82.5	232
Tetrachloroethene (PCE)	SW8260D			65.8 U	71.1 U	69.4 U
Toluene	SW8260D			132 U	142 U	139 U
Trichloroethene (TCE)	SW8260D			65.8 U	71.1 U	69.4 U
Vinyl chloride	SW8260D			65.8 U	71.1 U	69.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				132 UT	274 T	2700 JT
PH-ROD Total Xylene (U = 1/2 max limit)				132 UT	154 T	302 T
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			2370	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			3350	--	--
Pentachlorophenol	SW8270E			8200 U	2080 U	4130 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			17300 J	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			6460	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			3030	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			8220	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	6530	--
2-Methylnaphthalene	SW8270ESIM			8170 J	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	2900	--
Acenaphthene	SW8270ESIM			11500	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	997 U	--
Acenaphthylene	SW8270ESIM			1230 J	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	5000	--
Anthracene	SW8270ESIM			10600	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	4380	--
Benzo(a)anthracene	SW8270ESIM			10100	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	4610	--
Benzo(a)pyrene	SW8270ESIM			10000	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	4490	--
Benzo(b)fluoranthene	SW8270ESIM			6060	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			6910	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	3740	--
Benzo(g,h,i)perylene	SW8270ESIM			7770 J	--	--
Benzo(j)fluoranthene	SW8270ESIM			3800	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	1560 J	--
Benzo(k)fluoranthene	SW8270ESIM			3410	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			464 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			249 U	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	5660	--
Chrysene	SW8270ESIM			12500	--	--
Decalin, cis-	SW8270ESIM			249 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			249 UJ	--	--
Dibenzo(a,h)anthracene	SW8270E			--	421	--
Dibenzo(a,h)anthracene	SW8270ESIM			825 J	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			1700	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			7280	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	11100	--
Fluoranthene	SW8270ESIM			8630	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	3830	--
Fluorene	SW8270ESIM			10100	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	2950	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			5180 J	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	2310	--
Naphthalene	SW8270ESIM		140000	9170 J	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			2330	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	21700	--
Phenanthrene	SW8270ESIM			18400	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	13300	--
Pyrene	SW8270ESIM			10800	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				13000 T	6050 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	13000 JT	6230 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				79000 JT	52200 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				69200 JT	43000 T	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		150000 JT	95000 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			12400	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			4130	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			2150	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			1920	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			10000	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			21100	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			10300	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			40700	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			3550	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			38200	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			7690	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			5310	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			2630	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			950	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			9230	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			12200	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			8090	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			36200	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			2500	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			25500	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			3690	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			4680	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			1640	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			395	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			5560	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			6980	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			6090	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			25100	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			1490	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			13800	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			1590	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			2730	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			2310	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			2630	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			8820	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			600	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			5030	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			25.7 U	22.8 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			38.9 U	27.8 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			14.6 U	10.3 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			105	136	--
4,4'-DDE (p,p'-DDE)	SW8081B			30.2 U	44.7	--
4,4'-DDT (p,p'-DDT)	SW8081B			19.4 U	161	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
				USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				11/4/2020	11/4/2020	11/4/2020
				10 - 12 ft	12 - 14 ft	14 - 16 ft
				N	N	N
				7622959.48	7622959.48	7622959.48
				706218.176	706218.176	706218.176
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				38.9 UT	27.8 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				130 T	342 T	--
PH-ROD Sum DDD (U = 1/2 max limit)				118 T	147 T	--
PH-ROD Sum DDE (U = 1/2 max limit)				38.9 UT	58.6 T	--
PH-ROD Sum DDT (U = 1/2 max limit)				19.4 UT	166 T	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	169 T	372 T	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			1700 UJ	1700 UJ	1800 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			1700 U	1700 U	1800 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				USMPDI-049SC-B	USMPDI-049SC-B	USMPDI-049SC-B
				USMPDI-049SC-B-10-12-201104	USMPDI-049SC-B-12-14-201104	USMPDI-049SC-B-14-16-201104
				11/4/2020	11/4/2020	11/4/2020
				10 - 12 ft	12 - 14 ft	14 - 16 ft
				N	N	N
				7622959.48	7622959.48	7622959.48
				706218.176	706218.176	706218.176
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.68 U	6.68 U	--
Aroclor 1221	SW8082A			6.68 U	6.68 U	--
Aroclor 1232	SW8082A			6.68 U	6.68 U	--
Aroclor 1242	SW8082A			49.3 J	24.2 J	--
Aroclor 1248	SW8082A			6.68 U	6.68 U	--
Aroclor 1254	SW8082A			50.4 J	40.1 J	--
Aroclor 1260	SW8082A			31.0 J	30.1 J	--
Aroclor 1262	SW8082A			6.68 U	6.68 U	--
Aroclor 1268	SW8082A			6.68 U	6.68 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	151 JT	114 JT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			1550	--	--
Motor oil range hydrocarbons	NWTPHDx			1030	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			6.08 J	3.44 UJ	8.57 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-A	USMPDI-050SC-A	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-A-14-15-201105	USMPDI-050SC-A-15-16-201105	USMPDI-050SC-B-00-02-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	20.2 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.2	2.7 T	2.7
Total Solids	SM2540G			62.2	56.9 T	41.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	5.82
Cadmium	SW6020B			--	--	0.279 J
Chromium	SW6020B			--	--	34.3
Copper	SW6020B			--	--	52.4
Lead	SW6020B			--	--	16.2
Manganese	SW6020B			--	--	710

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-A	USMPDI-050SC-A	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-A-14-15-201105	USMPDI-050SC-A-15-16-201105	USMPDI-050SC-B-00-02-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	103 J
Zinc	SW6020B			--	--	116
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	162 U
1,2-Dichloroethene, cis-	SW8260D			--	--	162 U
Benzene	SW8260D			--	--	64.8 U
Chlorobenzene	SW8260D		320	--	--	162 U
Ethylbenzene	SW8260D			--	--	162 U
m,p-Xylene	SW8260D			--	--	324 U
o-Xylene	SW8260D			--	--	162 U
Tetrachloroethene (PCE)	SW8260D			--	--	162 U
Toluene	SW8260D			--	--	324 U
Trichloroethene (TCE)	SW8260D			--	--	162 U
Vinyl chloride	SW8260D			--	--	162 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	324 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	324 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			531	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			277	--	--
Pentachlorophenol	SW8270E			--	--	576 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			1600	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			860	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-A	USMPDI-050SC-A	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-A-14-15-201105	USMPDI-050SC-A-15-16-201105	USMPDI-050SC-B-00-02-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			546	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			844	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	3260 T	70.9
2-Methylnaphthalene	SW8270ESIM			2560	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	3040 T	121
Acenaphthene	SW8270ESIM			2280	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	839 UT	116
Acenaphthylene	SW8270ESIM			201 J	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	3500 T	269
Anthracene	SW8270ESIM			2260	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	3620 T	559
Benzo(a)anthracene	SW8270ESIM			2520	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	4650 T	853
Benzo(a)pyrene	SW8270ESIM			2750	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	3760 T	758
Benzo(b)fluoranthene	SW8270ESIM			1960	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-A	USMPDI-050SC-A	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-A-14-15-201105	USMPDI-050SC-A-15-16-201105	USMPDI-050SC-B-00-02-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			2130	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	3200 T	592
Benzo(g,h,i)perylene	SW8270ESIM			2650	--	--
Benzo(j)fluoranthene	SW8270ESIM			1200	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	1290 JT	287 J
Benzo(k)fluoranthene	SW8270ESIM			1110	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			78.7	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			264	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	4380 T	690
Chrysene	SW8270ESIM			3500	--	--
Decalin, cis-	SW8270ESIM			39.3 U	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			107 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	839 UT	77.4
Dibenzo(a,h)anthracene	SW8270ESIM			249 J	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			289 J	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			1340	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	12500 T	1220
Fluoranthene	SW8270ESIM			9070	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	2530 T	141
Fluorene	SW8270ESIM			2160	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-A	USMPDI-050SC-A	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-A-14-15-201105	USMPDI-050SC-A-15-16-201105	USMPDI-050SC-B-00-02-201105
				11/5/2020	11/5/2020	11/5/2020
				14 - 15 ft	15 - 16 ft	0 - 2 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
Indeno(1,2,3-c,d)pyrene	SW8270E			--	2600 T	489
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1780 J	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	1750 T	171
Naphthalene	SW8270ESIM		140000	678	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			683	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	15800 T	745
Phenanthrene	SW8270ESIM			13300	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	14300 T	1390
Pyrene	SW8270ESIM			10400	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				4300 T	5050 JT	1050 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3600 JT	6100 JT	1100 JT
PH-ROD Total HPAH (U = 1/2 max limit)				37000 JT	51000 JT	6900 JT
PH-ROD Total LPAH (U = 1/2 max limit)				23400 JT	30000 T	1630 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		61000 JT	81000 JT	8500 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			1600	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			250	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			1050	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			285	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			1230	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			3300	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			1380	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-A	USMPDI-050SC-A	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-A-14-15-201105	USMPDI-050SC-A-15-16-201105	USMPDI-050SC-B-00-02-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			3560	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			543	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			5100	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			802	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			595	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			1860	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			107	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			1240	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			1200	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			1550	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			4640	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			280	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			3100	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			384	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			772	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			1320	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			35.5 J	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-A	USMPDI-050SC-A	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-A-14-15-201105	USMPDI-050SC-A-15-16-201105	USMPDI-050SC-B-00-02-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			614	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			698	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			1140	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			4450	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			39.3 U	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			1920	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			192	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			1210	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			366	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			588	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			2350	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			28.9 J	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			1170	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			103	76.3 T	4.83 U
2,4'-DDE (o,p'-DDE)	SW8081B			50.9 U	21.7 UT	5.07 U
2,4'-DDT (o,p'-DDT)	SW8081B			9.02 U	5.95 UT	4.83 U
4,4'-DDD (p,p'-DDD)	SW8081B			491	350 T	6.93
4,4'-DDE (p,p'-DDE)	SW8081B			40.3	30.0 T	4.83 U
4,4'-DDT (p,p'-DDT)	SW8081B			42.1	97.8 T	4.83 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-A	USMPDI-050SC-A	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-A-14-15-201105	USMPDI-050SC-A-15-16-201105	USMPDI-050SC-B-00-02-201105
				11/5/2020	11/5/2020	11/5/2020
				14 - 15 ft	15 - 16 ft	0 - 2 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				133 T	90.1 T	5.07 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				573 T	480 T	11.8 T
PH-ROD Sum DDD (U = 1/2 max limit)				594 T	420 T	9.35 T
PH-ROD Sum DDE (U = 1/2 max limit)				65.8 T	40.9 T	5.07 UT
PH-ROD Sum DDT (U = 1/2 max limit)				46.6 T	101 T	4.83 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	706 T	570 T	19.1 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	120 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	120 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000116 J	0.000107 JT	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000140 J	0.000118 JT	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000111 J	0.000122 JT	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000738 J	0.000748 JT	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000305 J	0.000315 JT	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0179	0.0183 T	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.275	0.273 T	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000774 J	0.00165 JT	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00112 J	0.00163 JT	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00644	0.00689 T	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0426	0.0424 T	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00122	0.00158 T	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00227 J	0.00252 JT	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00143 J	0.00156 JT	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00401	0.00507 T	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00130 J	0.00134 JT	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000183 J	0.000227 JT	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000584 J	0.000547 JT	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00688	0.00612 T	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00102 J	0.00110 JT	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0168	0.0132 T	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00536 J	0.00746 JT	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0103 J	0.0115 JT	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-A	USMPDI-050SC-A	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-A-14-15-201105	USMPDI-050SC-A-15-16-201105	USMPDI-050SC-B-00-02-201105
				11/5/2020	11/5/2020	11/5/2020
				14 - 15 ft	15 - 16 ft	0 - 2 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0134	0.0138 T	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0203	0.0171 T	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00391 JT	0.00449 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00195 JT	0.00212 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00194 JT	0.00210 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.330 JT	0.326 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			14.6 U	18.2 UT	9.18 U
Aroclor 1221	SW8082A			34.2 U	34.1 UT	9.18 U
Aroclor 1232	SW8082A			40.2 U	43.7 UT	9.18 U
Aroclor 1242	SW8082A			23.7 U	28.3 UT	13.3 J
Aroclor 1248	SW8082A			14.5 U	16.3 UT	9.18 U
Aroclor 1254	SW8082A			18.6	28.1 T	7.57 J
Aroclor 1260	SW8082A			18.6	30.1 T	9.18 U
Aroclor 1262	SW8082A			6.15 U	6.67 UT	9.18 U
Aroclor 1268	SW8082A			6.15 U	6.67 UT	9.18 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	107 T	135 T	53.0 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			552	--	--
Motor oil range hydrocarbons	NWTPHDx			987	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	4.73 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-02-04-201105	USMPDI-050SC-B-04-06-201105	USMPDI-050SC-B-06-08-201105
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	73	--
Plastic limit	D4318			--	40	--
Plasticity index	D4318			--	33	--
Specific gravity	D854			--	2.72	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			32.7 JT	587 J	92.5 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	84.9	--
Total organic carbon	SM5310BM			2.5 T	2.3	2.5
Total Solids	SM2540G			48.8 T	54.3	51.7
Grain Size (pct)						
Gravel	D6913			--	0.1	--
Sand	D6913			--	16.1	--
Total fines (Reported, not calculated)	D6913			--	83.8	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	99	--
Percent passing 110 micron sieve (#140)	D6913			--	85	--
Percent passing 850 micron sieve (#20)	D6913			--	95	--
Percent passing 425 micron sieve (#40)	D6913			--	90	--
Percent passing 250 micron sieve (#60)	D6913			--	87	--
Percent passing 150 micron sieve (#100)	D6913			--	86	--
Percent passing 75 micron sieve (#200)	D6913			--	84	--
Metals (mg/kg)						
Arsenic	SW6020B			5.46 T	10.2	8.75
Cadmium	SW6020B			0.275 JT	0.359 J	0.414 J
Chromium	SW6020B			32.7 T	33.6	41.9
Copper	SW6020B			48.4 T	88.1	67.7
Lead	SW6020B			14.5 T	59.5	39.8
Manganese	SW6020B			635 T	605	778

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-02-04-201105	USMPDI-050SC-B-04-06-201105	USMPDI-050SC-B-06-08-201105
				11/5/2020	11/5/2020	11/5/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
Vanadium	SW6020B			98.7 JT	87.7 J	105 J
Zinc	SW6020B			109 T	242	162
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			102 UT	77.5 U	134 UJ
1,2-Dichloroethene, cis-	SW8260D			102 UT	77.5 U	134 U
Benzene	SW8260D			40.8 UT	31.0 U	53.5 U
Chlorobenzene	SW8260D		320	102 UT	77.5 U	134 U
Ethylbenzene	SW8260D			102 UT	77.5 U	134 U
m,p-Xylene	SW8260D			204 UT	155 U	268 U
o-Xylene	SW8260D			102 UT	77.5 U	134 U
Tetrachloroethene (PCE)	SW8260D			102 UT	77.5 U	134 U
Toluene	SW8260D			204 UT	155 U	268 U
Trichloroethene (TCE)	SW8260D			102 UT	77.5 U	134 U
Vinyl chloride	SW8260D			102 UT	77.5 U	134 U
PH-ROD Total BTEX (U = 1/2 max limit)				204 UT	155 UT	268 UT
PH-ROD Total Xylene (U = 1/2 max limit)				204 UT	155 UT	268 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			144 T	453	285
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			19.7 JT	41.3	38.1
Pentachlorophenol	SW8270E			489 UT	883 U	466 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			46.3 T	90.8	95
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			140 T	695	217

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-02-04-201105	USMPDI-050SC-B-04-06-201105	USMPDI-050SC-B-06-08-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			45.3 T	359	57.4
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			58.9 T	667	69.1
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			76.6 T	174	89.6
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			150 T	1330	454
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			55.2 JT	193 J	133 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			200 T	604	395
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			669 T	2120	1390
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			819 T	2260	1630
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			607 T	1660	1200
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-02-04-201105	USMPDI-050SC-B-04-06-201105	USMPDI-050SC-B-06-08-201105
				11/5/2020	11/5/2020	11/5/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
Benzo(e)pyrene	SW8270ESIM			643 T	1820	1240
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			727 T	2070	1390
Benzo(j)fluoranthene	SW8270ESIM			337 T	1000	720
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			298 T	984	727
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			9.4 JT	34.4	15.8 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			36.4 T	87.9	86.3
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			901 T	2760	1780
Decalin, cis-	SW8270ESIM			26.2 UT	22.8 U	23.2 U
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			26.2 UJT	52.1 J	23.2 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			76.8 JT	215 J	144 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			28.5 T	56.9	120
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			106 T	827	184
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			1600 T	6600	3460
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			141 T	1160	387
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-02-04-201105	USMPDI-050SC-B-04-06-201105	USMPDI-050SC-B-06-08-201105
				11/5/2020	11/5/2020	11/5/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			480 JT	1450 J	968 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	131 T	293	246
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			327 T	645	537
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			1000 T	7800	2200
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			1800 T	7390	3640
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1240 T	3600 T	2600 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1100 JT	3010 JT	2100 JT
PH-ROD Total HPAH (U = 1/2 max limit)				8300 JT	29000 JT	17000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1700 JT	12000 JT	3900 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		10000 JT	40000 JT	21000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			831 T	1610	1200
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			19.4 JT	158	56.4
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			127 T	684	240
C1-Dibenz(a,h)anthracenes	SW8270ESIM			179 T	346	236
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			170 T	1090	232
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			951 T	2970	1750
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			150 T	993	242

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-02-04-201105	USMPDI-050SC-B-04-06-201105	USMPDI-050SC-B-06-08-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			119 T	235	171
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			221 T	533	291
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			767 T	4290	1110
C2-Benzanthracenes/Chrysenes	SW8270ESIM			538 T	951	728
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			43.0 T	479	78.7
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			220 T	775	421
C2-Dibenz(a,h)anthracenes	SW8270ESIM			89.6 T	168	67.4
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			221 T	1070	355
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			540 T	1400	950
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			201 T	1080	253
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			261 T	2960	415
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			175 T	356	260
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			708 T	3070	1020
C3-Benzanthracenes/Chrysenes	SW8270ESIM			309 T	453	394
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			78.3 T	490	197
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			114 T	425	303
C3-Dibenz(a,h)anthracenes	SW8270ESIM			31.6 JT	45.7	33.8
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-02-04-201105	USMPDI-050SC-B-04-06-201105	USMPDI-050SC-B-06-08-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			11/5/2020	11/5/2020	11/5/2020
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			2 - 4 ft	4 - 6 ft	6 - 8 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622891.711	7622891.711	7622891.711
C3-Fluorenes	SW8270ESIM			706190.894	706190.894	706190.894
C3-Naphthalenes	SW8270DMSIM					
C3-Naphthalenes	SW8270ESIM			199 T	754	393
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			460 T	848	630
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			182 T	807	311
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			411 T	2930	569
C4-Chrysenes	SW8270ESIM			--	--	--
C4-Decalins	SW8270DMSIM			156 T	22.8 U	230
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			457 T	1650	793
C4-Dibenzothiophenes	SW8270ESIM			92.2 T	211	153
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			161 T	606	623
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			81.6 T	288	205
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			173 T	520	349
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			239 T	1250	320
				--	--	--
				27.7 JT	28.8	23.0 J
				--	--	--
				220 T	632	353
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			4.07 UT	13.7 U	4.83 U
2,4'-DDE (o,p'-DDE)	SW8081B			4.07 UT	32.8 U	16.6 U
2,4'-DDT (o,p'-DDT)	SW8081B			4.07 UT	11.3 U	4.05 U
4,4'-DDD (p,p'-DDD)	SW8081B			9.10 T	34.2	19
4,4'-DDE (p,p'-DDE)	SW8081B			4.07 UT	12.9 U	8.44
4,4'-DDT (p,p'-DDT)	SW8081B			47.3 T	7.83 U	3.86 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-02-04-201105	USMPDI-050SC-B-04-06-201105	USMPDI-050SC-B-06-08-201105
				11/5/2020	11/5/2020	11/5/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.07 UT	32.8 UT	16.6 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				58.4 T	44.6 T	29.4 T
PH-ROD Sum DDD (U = 1/2 max limit)				11.1 T	41.1 T	21.4 T
PH-ROD Sum DDE (U = 1/2 max limit)				4.07 UT	32.8 UT	16.7 T
PH-ROD Sum DDT (U = 1/2 max limit)				49.3 T	11.3 UT	4.05 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	64.5 T	73.5 T	42.1 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			100 UT	460 U	470 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			100 UT	460 U	470 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-02-04-201105	USMPDI-050SC-B-04-06-201105	USMPDI-050SC-B-06-08-201105
				11/5/2020	11/5/2020	11/5/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.79 UT	7.21 U	7.45 U
Aroclor 1221	SW8082A			7.79 UT	7.21 U	7.45 U
Aroclor 1232	SW8082A			7.79 UT	7.21 U	7.45 U
Aroclor 1242	SW8082A			5.11 JT	31.2 J	6.11 J
Aroclor 1248	SW8082A			7.79 UT	7.21 U	7.45 U
Aroclor 1254	SW8082A			7.53 JT	24.2 J	11.5 J
Aroclor 1260	SW8082A			6.14 JT	14.7 J	8.99 J
Aroclor 1262	SW8082A			7.79 UT	7.21 U	7.45 U
Aroclor 1268	SW8082A			7.79 UT	7.21 U	7.45 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	42.2 JT	91.7 JT	49.0 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			106 UT	405	320
Motor oil range hydrocarbons	NWTPHDx			362 T	776	873
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.1 UJT	5.66 J	3.75 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-08-10-201105	USMPDI-050SC-B-10-12-201105	USMPDI-050SC-B-12-14-201105
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			798 J	286 J	678 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.8	2.5	3.2
Total Solids	SM2540G			55.2	55.4	55.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			6.98	6.37	6.4
Cadmium	SW6020B			0.475 J	0.428 J	0.468 J
Chromium	SW6020B			39.7	37.3	33.2
Copper	SW6020B			80.3	69.3	57.1
Lead	SW6020B			91.1	94.6	125
Manganese	SW6020B			551	672	704

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-08-10-201105	USMPDI-050SC-B-10-12-201105	USMPDI-050SC-B-12-14-201105
				11/5/2020	11/5/2020	11/5/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
Vanadium	SW6020B			107 J	109 J	120 J
Zinc	SW6020B			173	191	234
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			186 UJ	77.5 UJ	69.7 UJ
1,2-Dichloroethene, cis-	SW8260D			186 U	77.5 U	69.7 U
Benzene	SW8260D			74.2 U	31.0 U	27.9 U
Chlorobenzene	SW8260D		320	186 U	77.5 U	69.7 U
Ethylbenzene	SW8260D			186 U	77.5 U	69.7 U
m,p-Xylene	SW8260D			371 U	155 U	139 U
o-Xylene	SW8260D			186 U	77.5 U	69.7 U
Tetrachloroethene (PCE)	SW8260D			186 U	77.5 U	69.7 U
Toluene	SW8260D			371 U	155 U	139 U
Trichloroethene (TCE)	SW8260D			186 U	77.5 U	69.7 U
Vinyl chloride	SW8260D			186 U	77.5 U	69.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				371 UT	155 UT	139 UT
PH-ROD Total Xylene (U = 1/2 max limit)				371 UT	155 UT	139 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			1260	653	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			136	77.2	--
Pentachlorophenol	SW8270E			1750 U	1690 U	1690 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			1500	1110	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			1230	559	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-08-10-201105	USMPDI-050SC-B-10-12-201105	USMPDI-050SC-B-12-14-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			458	261	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			651	427	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	10700
2-Methylnaphthalene	SW8270ESIM			706	522	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	11500
Acenaphthene	SW8270ESIM			2190	1480	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	1560 U
Acenaphthylene	SW8270ESIM			492 J	279 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	13100
Anthracene	SW8270ESIM			2610	1510	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	9260
Benzo(a)anthracene	SW8270ESIM			5710	3690	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	13700
Benzo(a)pyrene	SW8270ESIM			5410	4350	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	10700
Benzo(b)fluoranthene	SW8270ESIM			5130	3290	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-08-10-201105	USMPDI-050SC-B-10-12-201105	USMPDI-050SC-B-12-14-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			5220	3270	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	9350
Benzo(g,h,i)perylene	SW8270ESIM			5490	3850	--
Benzo(j)fluoranthene	SW8270ESIM			3430	1860	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	3710
Benzo(k)fluoranthene	SW8270ESIM			2640	1940	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			80.9	40.3 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			359	260	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	10700
Chrysene	SW8270ESIM			7940	4490	--
Decalin, cis-	SW8270ESIM			22.8 U	43.6 U	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			63.9 J	37.9 J	--
Dibenzo(a,h)anthracene	SW8270E			--	--	1100
Dibenzo(a,h)anthracene	SW8270ESIM			725 J	407 J	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			579	331	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			1250	694	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	28700
Fluoranthene	SW8270ESIM			17000	9970	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	10800
Fluorene	SW8270ESIM			2040	1120	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-08-10-201105	USMPDI-050SC-B-10-12-201105	USMPDI-050SC-B-12-14-201105
				11/5/2020	11/5/2020	11/5/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	7410
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			3520 J	2770 J	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	2710
Naphthalene	SW8270ESIM		140000	875	428	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			1660	1120	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	54700
Phenanthrene	SW8270ESIM			13500	7840	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	31600
Pyrene	SW8270ESIM			18600	11000	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				11200 T	7090 T	14400 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	7610 JT	5760 JT	18000 T
PH-ROD Total HPAH (U = 1/2 max limit)				76000 JT	48000 JT	130000 T
PH-ROD Total LPAH (U = 1/2 max limit)				22400 JT	13200 JT	104000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		98000 JT	61000 JT	230000 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			4230	2730	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			306	217	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			520	502	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			854	736	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			1660	948	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			6790	4080	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			1430	788	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-08-10-201105	USMPDI-050SC-B-10-12-201105	USMPDI-050SC-B-12-14-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			1990	1430	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			1090	630	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			7030	3940	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			2300	1300	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			525	306	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			1220	1150	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			345	275	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			1790	1050	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			2990	1810	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			1770	916	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			3650	2250	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			795	366	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			5040	2850	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			937	604	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			638	316	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			738	600	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			75.6	84.2	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-08-10-201105	USMPDI-050SC-B-10-12-201105	USMPDI-050SC-B-12-14-201105
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			1170	785	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			1930	979	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			1620	923	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			3900	2260	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			338	285	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			2800	1820	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			346	248	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			674	1040	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			568	311	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			1360	726	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			2200	1150	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			65.9	87.3	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			1100	1090	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			54.5 U	19.9 U	27.8 U
2,4'-DDE (o,p'-DDE)	SW8081B			125 U	55.5 U	78.9 U
2,4'-DDT (o,p'-DDT)	SW8081B			47.6 U	13.5 U	12.6 U
4,4'-DDD (p,p'-DDD)	SW8081B			109 U	60.8	158
4,4'-DDE (p,p'-DDE)	SW8081B			44.4 U	18.5 U	27.8 U
4,4'-DDT (p,p'-DDT)	SW8081B			37.9 U	12.8 U	9.37 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-08-10-201105	USMPDI-050SC-B-10-12-201105	USMPDI-050SC-B-12-14-201105
				11/5/2020	11/5/2020	11/5/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				125 UT	55.5 UT	78.9 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				109 UT	76.5 T	177 T
PH-ROD Sum DDD (U = 1/2 max limit)				109 UT	70.8 T	172 T
PH-ROD Sum DDE (U = 1/2 max limit)				125 UT	55.5 UT	78.9 UT
PH-ROD Sum DDT (U = 1/2 max limit)				47.6 UT	13.5 UT	12.6 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	125 UT	121 T	236 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			460 U	440 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			460 U	440 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-08-10-201105	USMPDI-050SC-B-10-12-201105	USMPDI-050SC-B-12-14-201105
				USMPDI-050SC-B	USMPDI-050SC-B	USMPDI-050SC-B
				USMPDI-050SC-B-08-10-201105	USMPDI-050SC-B-10-12-201105	USMPDI-050SC-B-12-14-201105
				11/5/2020	11/5/2020	11/5/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622891.711	7622891.711	7622891.711
				706190.894	706190.894	706190.894
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.11 U	6.59 U	17.6 U
Aroclor 1221	SW8082A			7.11 U	6.59 U	34.0 U
Aroclor 1232	SW8082A			7.11 U	6.59 U	39.9 U
Aroclor 1242	SW8082A			38.7 J	25.4 J	28.6 U
Aroclor 1248	SW8082A			7.11 U	6.59 U	22.0 U
Aroclor 1254	SW8082A			45.8 J	34.8 J	28.7 J
Aroclor 1260	SW8082A			30.7 J	23.4 J	25.2 J
Aroclor 1262	SW8082A			7.11 U	6.59 U	7.05 U
Aroclor 1268	SW8082A			7.11 U	6.59 U	7.05 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	137 JT	103 JT	132 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			736	508	--
Motor oil range hydrocarbons	NWTPHDx			1360	947	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.47 J	3.44 U	5.57 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-054SC-A	USMPDI-054SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-14-16-201105	USMPDI-054SC-A-05-06-201029	USMPDI-054SC-A-06-07-201029
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			442 J	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	4.2	1.6
Total Solids	SM2540G			57.1	60.5	72.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.69	--	--
Cadmium	SW6020B			0.508 J	--	--
Chromium	SW6020B			33.1	--	--
Copper	SW6020B			54.3	--	--
Lead	SW6020B			47.5	--	--
Manganese	SW6020B			615	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-054SC-A	USMPDI-054SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-14-16-201105	USMPDI-054SC-A-05-06-201029	USMPDI-054SC-A-06-07-201029
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			11/5/2020	10/29/2020	10/29/2020
Zinc	SW6020B			14 - 16 ft	5 - 6 ft	6 - 7 ft
				N	N	N
				7622891.711	7623184.441	7623184.441
				706190.894	706262.943	706262.943
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			62.6 UJ	--	--
1,2-Dichloroethene, cis-	SW8260D			62.6 U	--	--
Benzene	SW8260D			25.1 U	--	--
Chlorobenzene	SW8260D		320	62.6 U	--	--
Ethylbenzene	SW8260D			264	--	--
m,p-Xylene	SW8260D			125 U	--	--
o-Xylene	SW8260D			40.2 J	--	--
Tetrachloroethene (PCE)	SW8260D			62.6 U	--	--
Toluene	SW8260D			125 U	--	--
Trichloroethene (TCE)	SW8260D			62.6 U	--	--
Vinyl chloride	SW8260D			62.6 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				442 JT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				103 JT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			4150 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-054SC-A	USMPDI-054SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-14-16-201105	USMPDI-054SC-A-05-06-201029	USMPDI-054SC-A-06-07-201029
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/5/2020	10/29/2020	10/29/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			14 - 16 ft	5 - 6 ft	6 - 7 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622891.711	7623184.441	7623184.441
2-Methylanthracene	SW8270DMSIM			706190.894	706262.943	706262.943
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	39000 U	3240 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	61400 U	15900 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	39000 U	3240 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	68100	19100
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	54900	14200
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	78800	22400
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	59400	14900
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-054SC-A	USMPDI-054SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-14-16-201105	USMPDI-054SC-A-05-06-201029	USMPDI-054SC-A-06-07-201029
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	59700	15100
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	23700 J	5810 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	63100	15300
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	39000 U	3240 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	198000	51900
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	42700 U	10800 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-054SC-A	USMPDI-054SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-14-16-201105	USMPDI-054SC-A-05-06-201029	USMPDI-054SC-A-06-07-201029
				11/5/2020	10/29/2020	10/29/2020
				14 - 16 ft	5 - 6 ft	6 - 7 ft
				N	N	N
				7622891.711	7623184.441	7623184.441
				706190.894	706262.943	706262.943
Indeno(1,2,3-c,d)pyrene	SW8270E			--	47100	11700
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	39000 U	4260 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	289000	72100
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	263000	59000
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	83100 JT	20700 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	115000 JT	28200 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	867000 JT	210000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	468000 T	110000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	1330000 JT	320000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-054SC-A	USMPDI-054SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-14-16-201105	USMPDI-054SC-A-05-06-201029	USMPDI-054SC-A-06-07-201029
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			11/5/2020	10/29/2020	10/29/2020
C1-Naphthalenes	SW8270ESIM			14 - 16 ft	5 - 6 ft	6 - 7 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622891.711	7623184.441	7623184.441
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706190.894	706262.943	706262.943
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM					
C2-Benzo(b)thiophene	SW8270DMSIM					
C2-Benzo(b)thiophene	SW8270ESIM					
C2-Chrysenes	SW8270DMSIM					
C2-Decalins	SW8270DMSIM					
C2-Decalins	SW8270ESIM					
C2-Dibenz(a,h)anthracenes	SW8270ESIM					
C2-Dibenzothiophenes	SW8270DMSIM					
C2-Dibenzothiophenes	SW8270ESIM					
C2-Fluoranthenes/Pyrenes	SW8270DMSIM					
C2-Fluoranthenes/Pyrenes	SW8270ESIM					
C2-Fluorenes	SW8270DMSIM					
C2-Fluorenes	SW8270ESIM					
C2-Naphthalenes	SW8270DMSIM					
C2-Naphthalenes	SW8270ESIM					
C2-Naphthobenzothiophenes	SW8270DMSIM					
C2-Naphthobenzothiophenes	SW8270ESIM					
C2-Phenanthrenes/Anthracenes	SW8270DMSIM					
C2-Phenanthrenes/Anthracenes	SW8270ESIM					
C3-Benzanthracenes/Chrysenes	SW8270ESIM					
C3-Benzo(b)thiophene	SW8270DMSIM					
C3-Benzo(b)thiophene	SW8270ESIM					
C3-Chrysenes	SW8270DMSIM					
C3-Decalins	SW8270DMSIM					
C3-Decalins	SW8270ESIM					
C3-Dibenz(a,h)anthracenes	SW8270ESIM					
C3-Dibenzothiophenes	SW8270DMSIM					

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-054SC-A	USMPDI-054SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-14-16-201105	USMPDI-054SC-A-05-06-201029	USMPDI-054SC-A-06-07-201029
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			11/5/2020	10/29/2020	10/29/2020
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			14 - 16 ft	5 - 6 ft	6 - 7 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622891.711	7623184.441	7623184.441
C3-Fluorenes	SW8270ESIM			706190.894	706262.943	706262.943
C3-Naphthalenes	SW8270DMSIM					
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	32.8 U	20.3 J
2,4'-DDE (o,p'-DDE)	SW8081B			--	32.8 U	26.8 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	32.8 U	26.8 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	32.8 U	30.8
4,4'-DDE (p,p'-DDE)	SW8081B			--	32.8 U	26.8 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	32.8 U	26.8 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-054SC-A	USMPDI-054SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-14-16-201105	USMPDI-054SC-A-05-06-201029	USMPDI-054SC-A-06-07-201029
				11/5/2020	10/29/2020	10/29/2020
				14 - 16 ft	5 - 6 ft	6 - 7 ft
				N	N	N
				7622891.711	7623184.441	7623184.441
				706190.894	706262.943	706262.943
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	32.8 UT	47.1 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	32.8 UT	57.6 T
PH-ROD Sum DDD (U = 1/2 max limit)				--	32.8 UT	51.1 JT
PH-ROD Sum DDE (U = 1/2 max limit)				--	32.8 UT	26.8 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	32.8 UT	26.8 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	32.8 UT	105 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			430 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			430 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.00123	0.000396 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.00483	0.000921 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00318	0.000843 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0256	0.00449
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00827	0.00166 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	1.13	0.233
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	16	3.39
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.0225	0.00576 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.0767 J	0.0160 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.266	0.075
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	2.95	0.605
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0126	0.00804
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0179	0.0136
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0343	0.0125
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0265	0.0198
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0121	0.00616
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00115 J	0.00101 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0153	0.00388
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.343	0.0514
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00995	0.00421
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.848	0.0817
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.16 J	0.0492 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.269	0.081

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-050SC-B	USMPDI-054SC-A	USMPDI-054SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-050SC-B-14-16-201105	USMPDI-054SC-A-05-06-201029	USMPDI-054SC-A-06-07-201029
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.42	0.0982
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.979	0.126
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.068 JT	0.0277 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.039 JT	0.0134 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.047 JT	0.0140 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	18 JT	3.83 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	6.35 UJ	5.20 U
Aroclor 1221	SW8082A			--	6.35 UJ	5.20 U
Aroclor 1232	SW8082A			--	6.35 UJ	5.20 U
Aroclor 1242	SW8082A			--	6.35 UJ	3.59 J
Aroclor 1248	SW8082A			--	8.41 UJ	5.20 U
Aroclor 1254	SW8082A			--	12.9 UJ	13.9 U
Aroclor 1260	SW8082A			--	14.7 J	12.2 J
Aroclor 1262	SW8082A			--	6.35 UJ	5.20 U
Aroclor 1268	SW8082A			--	6.35 UJ	5.20 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	44.4 JT	38.3 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			11.4 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-A	USMPDI-054SC-A	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-A-07-08-201029	USMPDI-054SC-A-08-09-201029	USMPDI-054SC-D-00-02-201029
				10/29/2020	10/29/2020	10/29/2020
				7 - 8 ft	8 - 9 ft	0 - 2 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	89.4 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.056	0.042	2.2
Total Solids	SM2540G			74	87.7	49.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	5
Cadmium	SW6020B			--	--	0.275
Chromium	SW6020B			--	--	34.3
Copper	SW6020B			--	--	43.5
Lead	SW6020B			--	--	56.6 J
Manganese	SW6020B			--	--	561

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-A	USMPDI-054SC-A	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-A-07-08-201029	USMPDI-054SC-A-08-09-201029	USMPDI-054SC-D-00-02-201029
				10/29/2020	10/29/2020	10/29/2020
				7 - 8 ft	8 - 9 ft	0 - 2 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Vanadium	SW6020B			--	--	84.8
Zinc	SW6020B			--	--	134
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	83.8 U
1,2-Dichloroethene, cis-	SW8260D			--	--	83.8 U
Benzene	SW8260D			--	--	33.5 U
Chlorobenzene	SW8260D		320	--	--	83.8 U
Ethylbenzene	SW8260D			--	--	83.8 U
m,p-Xylene	SW8260D			--	--	168 U
o-Xylene	SW8260D			--	--	83.8 U
Tetrachloroethene (PCE)	SW8260D			--	--	83.8 U
Toluene	SW8260D			--	--	168 U
Trichloroethene (TCE)	SW8260D			--	--	83.8 U
Vinyl chloride	SW8260D			--	--	83.8 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	168 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	168 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	25000 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-A	USMPDI-054SC-A	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-A-07-08-201029	USMPDI-054SC-A-08-09-201029	USMPDI-054SC-D-00-02-201029
				10/29/2020	10/29/2020	10/29/2020
				7 - 8 ft	8 - 9 ft	0 - 2 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			83.4 U	14.0 U	586 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			220	52.7	1600 U
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			65.3 J	23.5	872
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			202	29	1990
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			394	84.7	6090
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			547	135	9000
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			465	103	7350
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-A	USMPDI-054SC-A	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-A-07-08-201029	USMPDI-054SC-A-08-09-201029	USMPDI-054SC-D-00-02-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			386	93.1	6030
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			167 J	38.6 J	2830
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			459	98.4	6820
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			83.4 U	8.59 J	766
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			1180	208	13500
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			129	28	1240 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-A	USMPDI-054SC-A	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-A-07-08-201029	USMPDI-054SC-A-08-09-201029	USMPDI-054SC-D-00-02-201029
				10/29/2020	10/29/2020	10/29/2020
				7 - 8 ft	8 - 9 ft	0 - 2 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Indeno(1,2,3-c,d)pyrene	SW8270E			322	77.6	5260
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	64.3 J	7.30 J	1330 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			928	145	9810 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			1380	218	16100
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				632 JT	142 JT	10200 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	709 JT	171 JT	12000 T
PH-ROD Total HPAH (U = 1/2 max limit)				5340 JT	1060 JT	74000 T
PH-ROD Total LPAH (U = 1/2 max limit)				1700 JT	293 JT	10100 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		7000 JT	1360 JT	84000 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-A	USMPDI-054SC-A	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-A-07-08-201029	USMPDI-054SC-A-08-09-201029	USMPDI-054SC-D-00-02-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-A	USMPDI-054SC-A	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-A-07-08-201029	USMPDI-054SC-A-08-09-201029	USMPDI-054SC-D-00-02-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.63 U	2.19 U	19.4 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.63 U	2.19 U	16.2 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.63 U	2.19 U	16.2 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.63 U	2.19 U	35.4
4,4'-DDE (p,p'-DDE)	SW8081B			2.63 U	2.19 U	17.0 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.63 U	2.19 U	16.2 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-A	USMPDI-054SC-A	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-A-07-08-201029	USMPDI-054SC-A-08-09-201029	USMPDI-054SC-D-00-02-201029
				10/29/2020	10/29/2020	10/29/2020
				7 - 8 ft	8 - 9 ft	0 - 2 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.63 UT	2.19 UT	19.4 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.63 UT	2.19 UT	52.0 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.63 UT	2.19 UT	45.1 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.63 UT	2.19 UT	17.0 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.63 UT	2.19 UT	16.2 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.63 UT	2.19 UT	77.9 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	970 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	970 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000108 U	0.0000849 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000154 U	0.000182 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000149 U	0.000128 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000148 U	0.000132 U	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000166 U	0.000151 U	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00228 J	0.00146 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0285	0.0166	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000108 U	0.0000849 U	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000154 U	0.000182 U	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00127 J	0.00105	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00604	0.00393	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000542 U	0.0000324 U	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000980 J	0.0000571 U	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000134 J	0.0000481 U	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000145 J	0.0000981 J	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000721 J	0.0000638 U	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000137 U	0.000113 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000818 U	0.0000737 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000448 J	0.0000990 U	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000142 U	0.000115 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000677 J	0.000163 U	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000158 J	0.0000324 U	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000784 J	0.0000571 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-A	USMPDI-054SC-A	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-A-07-08-201029	USMPDI-054SC-A-08-09-201029	USMPDI-054SC-D-00-02-201029
				10/29/2020	10/29/2020	10/29/2020
				7 - 8 ft	8 - 9 ft	0 - 2 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000710 J	0.000165	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00101	0.000115 U	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000358 JT	0.000214 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000286 JT	0.000208 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000269 JT	0.000207 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0329 JT	0.0189 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.18 U	4.48 U	8.10 U
Aroclor 1221	SW8082A			5.18 U	4.48 U	8.10 U
Aroclor 1232	SW8082A			5.18 U	4.48 U	8.10 U
Aroclor 1242	SW8082A			5.18 U	4.48 U	5.08 J
Aroclor 1248	SW8082A			5.18 U	4.48 U	8.10 U
Aroclor 1254	SW8082A			5.18 U	4.48 U	12.8 U
Aroclor 1260	SW8082A			5.18 U	4.48 U	6.70 J
Aroclor 1262	SW8082A			5.18 U	4.48 U	8.10 U
Aroclor 1268	SW8082A			5.18 U	4.48 U	8.10 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.18 UT	4.48 UT	42.5 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	3.97 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-02-04-201029	USMPDI-054SC-D-04-06-201029	USMPDI-054SC-D-06-08-201029
				10/29/2020	10/29/2020	10/29/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Conventional Parameters (unitless)						
Liquid limit	D4318			--	49	--
Plastic limit	D4318			--	36	--
Plasticity index	D4318			--	13	--
Specific gravity	D854			--	2.62	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			243 J	12.3 J	60.4 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	59.1	--
Total organic carbon	SM5310BM			2.1	--	--
Total Solids	SM2540G			57.9	67.4	70
Grain Size (pct)						
Gravel	D6913			--	11.5	--
Sand	D6913			--	23.5	--
Total fines (Reported, not calculated)	D6913			--	65	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	100	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	89	--
Percent passing 4750 micron sieve (#4)	D6913			--	88	--
Percent passing 2000 micron sieve (#10)	D6913			--	88	--
Percent passing 110 micron sieve (#140)	D6913			--	66	--
Percent passing 850 micron sieve (#20)	D6913			--	88	--
Percent passing 425 micron sieve (#40)	D6913			--	86	--
Percent passing 250 micron sieve (#60)	D6913			--	73	--
Percent passing 150 micron sieve (#100)	D6913			--	68	--
Percent passing 75 micron sieve (#200)	D6913			--	65	--
Metals (mg/kg)						
Arsenic	SW6020B			5.34	4.65	3.1
Cadmium	SW6020B			0.386	0.739	0.132 J
Chromium	SW6020B			34.5	24.5	17.6
Copper	SW6020B			47.3	37.1	23.5
Lead	SW6020B			88.6 J	231 J	57.6 J
Manganese	SW6020B			529	821	268

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-02-04-201029	USMPDI-054SC-D-04-06-201029	USMPDI-054SC-D-06-08-201029
				10/29/2020	10/29/2020	10/29/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Vanadium	SW6020B			95.4	78.4	62
Zinc	SW6020B			171	317	78.5
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			60.7 U	49.7 U	40.4 U
1,2-Dichloroethene, cis-	SW8260D			60.7 U	49.7 U	40.4 U
Benzene	SW8260D			24.3 U	19.9 U	16.2 U
Chlorobenzene	SW8260D		320	60.7 U	49.7 U	40.4 U
Ethylbenzene	SW8260D			60.7 U	49.7 U	40.4 U
m,p-Xylene	SW8260D			121 U	99.3 U	80.8 U
o-Xylene	SW8260D			60.7 U	49.7 U	40.4 U
Tetrachloroethene (PCE)	SW8260D			60.7 U	49.7 U	40.4 U
Toluene	SW8260D			121 U	99.3 U	80.8 U
Trichloroethene (TCE)	SW8260D			60.7 U	49.7 U	40.4 U
Vinyl chloride	SW8260D			60.7 U	49.7 U	40.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				121 UT	99.3 UT	80.8 UT
PH-ROD Total Xylene (U = 1/2 max limit)				121 UT	99.3 UT	80.8 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			40900 U	14700 U	3430 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-02-04-201029	USMPDI-054SC-D-04-06-201029	USMPDI-054SC-D-06-08-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			4090 U	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			5990 U	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2240 J	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			4710	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			11900	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			17600	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			15600	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-02-04-201029	USMPDI-054SC-D-04-06-201029	USMPDI-054SC-D-06-08-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			11600	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			5270 J	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			13900	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			4090 U	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			32500	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			4420 U	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-02-04-201029	USMPDI-054SC-D-04-06-201029	USMPDI-054SC-D-06-08-201029
				10/29/2020	10/29/2020	10/29/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Indeno(1,2,3-c,d)pyrene	SW8270E			10100	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	4090 U	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			28200	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			29100	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				20900 JT	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	23500 JT	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				150000 JT	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				44400 JT	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		194000 JT	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-02-04-201029	USMPDI-054SC-D-04-06-201029	USMPDI-054SC-D-06-08-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-02-04-201029	USMPDI-054SC-D-04-06-201029	USMPDI-054SC-D-06-08-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			36.2 U	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			30.8 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			24.1 U	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			72.2	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			32.2 U	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			22.1 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-02-04-201029	USMPDI-054SC-D-04-06-201029	USMPDI-054SC-D-06-08-201029
				10/29/2020	10/29/2020	10/29/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				36.2 UT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				99.3 T	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				90.3 T	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				32.2 UT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				24.1 UT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	145 T	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			860 U	730 U	680 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			860 U	730 U	680 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-02-04-201029	USMPDI-054SC-D-04-06-201029	USMPDI-054SC-D-06-08-201029
				10/29/2020	10/29/2020	10/29/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.73 U	--	--
Aroclor 1221	SW8082A			6.73 U	--	--
Aroclor 1232	SW8082A			6.73 U	--	--
Aroclor 1242	SW8082A			25.8 J	--	--
Aroclor 1248	SW8082A			6.73 U	--	--
Aroclor 1254	SW8082A			42.2 J	--	--
Aroclor 1260	SW8082A			26.9 J	--	--
Aroclor 1262	SW8082A			6.73 U	--	--
Aroclor 1268	SW8082A			6.73 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	115 JT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.45 UJ	11.6 J	2.79 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-08-10-201029	USMPDI-054SC-D-10-12-201029	USMPDI-054SC-D-12-14-201029
				10/29/2020	10/29/2020	10/29/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.339 J	0.191 J	0.147
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	0.19	0.21
Total Solids	SM2540G			89.2	79.8	80.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.89	2.64	2.75
Cadmium	SW6020B			0.113 U	0.0629 J	0.0651 J
Chromium	SW6020B			14.4	14.5	15.3
Copper	SW6020B			15.6	16.3	16.8
Lead	SW6020B			11.1 J	3.13 J	3.46 J
Manganese	SW6020B			225	241	262

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-08-10-201029	USMPDI-054SC-D-10-12-201029	USMPDI-054SC-D-12-14-201029
				10/29/2020	10/29/2020	10/29/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Vanadium	SW6020B			61.3	58.4	67
Zinc	SW6020B			45	42.5	47.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			34.9 UJ	34.5 U	33.7 U
1,2-Dichloroethene, cis-	SW8260D			34.9 U	34.5 U	33.7 U
Benzene	SW8260D			14.0 U	13.8 U	13.5 U
Chlorobenzene	SW8260D		320	34.9 U	34.5 U	33.7 U
Ethylbenzene	SW8260D			34.9 U	34.5 U	33.7 U
m,p-Xylene	SW8260D			69.8 U	69.0 U	67.3 U
o-Xylene	SW8260D			34.9 U	34.5 U	33.7 U
Tetrachloroethene (PCE)	SW8260D			34.9 U	34.5 U	33.7 U
Toluene	SW8260D			69.8 U	69.0 U	67.3 U
Trichloroethene (TCE)	SW8260D			34.9 U	34.5 U	33.7 U
Vinyl chloride	SW8260D			34.9 UJ	34.5 U	33.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				69.8 UT	69.0 UT	67.3 UT
PH-ROD Total Xylene (U = 1/2 max limit)				69.8 UT	69.0 UT	67.3 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			109 U	30.2 U	30.1 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-08-10-201029	USMPDI-054SC-D-10-12-201029	USMPDI-054SC-D-12-14-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	3.02 U	3.01 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	15.7	6.1
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	3.02 U	3.01 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	3.02 U	3.01 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	3.02 U	3.01 U
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	3.02 U	3.01 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	3.02 U	3.01 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-08-10-201029	USMPDI-054SC-D-10-12-201029	USMPDI-054SC-D-12-14-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	3.02 U	3.01 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	3.02 U	3.01 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	3.02 U	3.01 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	3.02 U	3.01 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	1.77 J	3.01 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	3.02 U	3.01 U
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-08-10-201029	USMPDI-054SC-D-10-12-201029	USMPDI-054SC-D-12-14-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	3.02 U	3.01 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	3.02 U	3.01 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	2.90 J	3.01 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	2.34 J	3.01 U
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	3.02 UT	3.01 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	3.02 UT	3.01 UT
PH-ROD Total HPAH (U = 1/2 max limit)				--	16.2 JT	3.01 UT
PH-ROD Total LPAH (U = 1/2 max limit)				--	26.2 JT	15.1 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	42.3 JT	30.2 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-08-10-201029	USMPDI-054SC-D-10-12-201029	USMPDI-054SC-D-12-14-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-08-10-201029	USMPDI-054SC-D-10-12-201029	USMPDI-054SC-D-12-14-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	2.45 U	2.46 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	2.45 U	2.46 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	2.45 U	2.46 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	2.45 U	2.46 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	2.45 U	2.46 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	2.45 U	2.46 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-08-10-201029	USMPDI-054SC-D-10-12-201029	USMPDI-054SC-D-12-14-201029
				10/29/2020	10/29/2020	10/29/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	2.45 UT	2.46 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	2.45 UT	2.46 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	2.45 UT	2.46 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	2.45 UT	2.46 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	2.45 UT	2.46 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	2.45 UT	2.46 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			56 U	63 U	63 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			56 U	63 U	63 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-054SC-D	USMPDI-054SC-D
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-08-10-201029	USMPDI-054SC-D-10-12-201029	USMPDI-054SC-D-12-14-201029
				10/29/2020	10/29/2020	10/29/2020
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7623184.441	7623184.441	7623184.441
				706262.943	706262.943	706262.943
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	4.93 U	4.96 U
Aroclor 1221	SW8082A			--	4.93 U	4.96 U
Aroclor 1232	SW8082A			--	4.93 U	4.96 U
Aroclor 1242	SW8082A			--	4.93 U	4.96 U
Aroclor 1248	SW8082A			--	4.93 U	4.96 U
Aroclor 1254	SW8082A			--	4.93 U	4.96 U
Aroclor 1260	SW8082A			--	4.93 U	4.96 U
Aroclor 1262	SW8082A			--	4.93 U	4.96 U
Aroclor 1268	SW8082A			--	4.93 U	4.96 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	4.93 UT	4.96 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.24 UJ	2.5 UJ	2.52 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-14-16-201029	USMPDI-056SC-A-01-02-201107	USMPDI-056SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.132 U	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.027 U	2	2.4
Total Solids	SM2540G			75.4	48.9	48.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.84	--	--
Cadmium	SW6020B			0.135 U	--	--
Chromium	SW6020B			13.7	--	--
Copper	SW6020B			16	--	--
Lead	SW6020B			2.98 J	--	--
Manganese	SW6020B			246	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-14-16-201029	USMPDI-056SC-A-01-02-201107	USMPDI-056SC-A-02-03-201107
				10/29/2020	11/7/2020	11/7/2020
				14 - 16 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7623184.441	7622447.706	7622447.706
				706262.943	706905.494	706905.494
Vanadium	SW6020B			66.3	--	--
Zinc	SW6020B			46.1	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			46.7 U	--	--
1,2-Dichloroethene, cis-	SW8260D			46.7 U	--	--
Benzene	SW8260D			18.7 U	--	--
Chlorobenzene	SW8260D		320	46.7 U	--	--
Ethylbenzene	SW8260D			46.7 U	--	--
m,p-Xylene	SW8260D			93.5 U	--	--
o-Xylene	SW8260D			46.7 U	--	--
Tetrachloroethene (PCE)	SW8260D			46.7 U	--	--
Toluene	SW8260D			93.5 U	--	--
Trichloroethene (TCE)	SW8260D			46.7 U	--	--
Vinyl chloride	SW8260D			46.7 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				93.5 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				93.5 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			32.4 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-14-16-201029	USMPDI-056SC-A-01-02-201107	USMPDI-056SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			3.24 U	122	191
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			9.75	159	281
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.24 U	175	360
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			3.24 U	247	391
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			3.24 U	868	1310
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			3.24 U	1490	2160
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			3.24 U	1340	1970
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-14-16-201029	USMPDI-056SC-A-01-02-201107	USMPDI-056SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			3.24 U	1100	1620
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.24 U	487 J	695 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			3.24 U	1070	1570
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3.24 U	144	204
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			3.24 U	1780	2660
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			3.24 U	138	229
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-14-16-201029	USMPDI-056SC-A-01-02-201107	USMPDI-056SC-A-02-03-201107
				10/29/2020	11/7/2020	11/7/2020
				14 - 16 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7623184.441	7622447.706	7622447.706
				706262.943	706905.494	706905.494
Indeno(1,2,3-c,d)pyrene	SW8270E			3.24 U	902	1320
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	3.24 U	333	602
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			3.24 U	953	1430
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			3.24 U	2000	2850
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.24 UT	1830 JT	2670 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3.24 UT	1950 JT	2830 JT
PH-ROD Total HPAH (U = 1/2 max limit)				3.24 UT	11000 JT	16400 JT
PH-ROD Total LPAH (U = 1/2 max limit)				19.5 T	2130 T	3500 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		35.7 T	13000 JT	20000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-14-16-201029	USMPDI-056SC-A-01-02-201107	USMPDI-056SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			10/29/2020	11/7/2020	11/7/2020
C1-Naphthalenes	SW8270ESIM			14 - 16 ft	1 - 2 ft	2 - 3 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7623184.441	7622447.706	7622447.706
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706262.943	706905.494	706905.494
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-14-16-201029	USMPDI-056SC-A-01-02-201107	USMPDI-056SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.60 U	10.6 U	10.0 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.60 U	8.42 U	12.5 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.60 U	21	7.74 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.60 U	22.3 J	29.5 J
4,4'-DDE (p,p'-DDE)	SW8081B			2.60 U	7.25 U	10.6 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.60 U	5.68 U	7.18 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-14-16-201029	USMPDI-056SC-A-01-02-201107	USMPDI-056SC-A-02-03-201107
				10/29/2020	11/7/2020	11/7/2020
				14 - 16 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7623184.441	7622447.706	7622447.706
				706262.943	706905.494	706905.494
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.60 UT	30.5 T	12.5 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.60 UT	28.8 JT	38.4 JT
PH-ROD Sum DDD (U = 1/2 max limit)				2.60 UT	27.6 JT	34.5 JT
PH-ROD Sum DDE (U = 1/2 max limit)				2.60 UT	8.42 UT	12.5 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.60 UT	23.8 T	7.74 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.60 UT	59.3 JT	53.5 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			66 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			66 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000385 J	0.000541 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000676 J	0.000708 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000830 J	0.000837 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00388	0.00637
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00180 J	0.00273
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0713	0.0936
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.706	0.988
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00613 J	0.00299 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00633 J	0.00561 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0337 J	0.0481
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.162	0.194
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.00842	0.00508
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0154	0.00734
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00722	0.00329
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0217	0.0144
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0053	0.00393
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00189 J	0.000456 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00229	0.00134 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.014	0.0174
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00352	0.00286
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0362	0.0479
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0342 J	0.0207 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0474 J	0.0262

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-054SC-D	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-054SC-D-14-16-201029	USMPDI-056SC-A-01-02-201107	USMPDI-056SC-A-02-03-201107
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.06	0.0415
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0502	0.0492
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0219 JT	0.0131 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00977 JT	0.00644 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00941 JT	0.00742 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.901 JT	1.20 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.11 U	8.01 U	7.62 U
Aroclor 1221	SW8082A			5.11 U	8.01 U	7.62 U
Aroclor 1232	SW8082A			5.11 U	8.01 U	7.62 U
Aroclor 1242	SW8082A			5.11 U	5.65 J	7.15 J
Aroclor 1248	SW8082A			5.11 U	8.01 U	7.62 U
Aroclor 1254	SW8082A			5.11 U	17.1 J	20.2 J
Aroclor 1260	SW8082A			5.11 U	10.2 J	12.0 J
Aroclor 1262	SW8082A			5.11 U	8.01 U	7.62 U
Aroclor 1268	SW8082A			5.11 U	8.01 U	7.62 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.11 UT	57.0 JT	62.2 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.63 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-03-04-201107	USMPDI-056SC-A-04-05-201107	USMPDI-056SC-A-05-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.6	1.8	--
Total Solids	SM2540G			56	58.8	57.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-03-04-201107	USMPDI-056SC-A-04-05-201107	USMPDI-056SC-A-05-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	211
2-Methylpyrene	SW8270DMSIM			--	--	270
4-Methylpyrene	SW8270DMSIM			--	--	234
Benzo(b)fluorene	SW8270DMSIM			--	--	407
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	76.3
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	28.3
1-Methylnaphthalene	SW8270DMSIM			--	--	92.1
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	281
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-03-04-201107	USMPDI-056SC-A-04-05-201107	USMPDI-056SC-A-05-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	63.2
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	184
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	117
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	106
2-Methylnaphthalene	SW8270DMSIM			--	--	213
2-Methylnaphthalene	SW8270E			193 J	287 J	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	411
4-Methyldibenzothiophene	SW8270DMSIM			--	--	93.3
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	274
Acenaphthene	SW8270DMSIM			--	--	683
Acenaphthene	SW8270E			586	1380	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	286
Acenaphthylene	SW8270E			303	532	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	496
Anthracene	SW8270E			612	1220	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	2160
Benzo(a)anthracene	SW8270E			1860	3820	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	493
Benzo(a)pyrene	SW8270DMSIM			--	--	3480
Benzo(a)pyrene	SW8270E			2980	6550	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	2570
Benzo(b)fluoranthene	SW8270E			2350	5060	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	142
Benzo(e)pyrene	SW8270DMSIM			--	--	1980

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-03-04-201107	USMPDI-056SC-A-04-05-201107	USMPDI-056SC-A-05-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	3250
Benzo(g,h,i)perylene	SW8270E			1920	4130	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	1610
Benzo(j,k)fluoranthene	SW8270E			755 J	1790 J	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	545
Benzothiophene	SW8270DMSIM			--	--	42.7
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	144
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	2340
Chrysene	SW8270E			2110	4220	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	15.1
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			251	545	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	550 J
Dibenzofuran	SW8270DMSIM			--	--	151
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	353
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	4200
Fluoranthene	SW8270E			3650	8170	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	445
Fluorene	SW8270E			402	780	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	2450

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-03-04-201107	USMPDI-056SC-A-04-05-201107	USMPDI-056SC-A-05-06-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	5 - 6 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Indeno(1,2,3-c,d)pyrene	SW8270E			1480	3460	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	559
Naphthalene	SW8270E		140000	458	787	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	1060
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	3410
Phenanthrene	SW8270E			2930	5630	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	4920
Pyrene	SW8270E			4270	8770	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	110 J
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3110 JT	6850 JT	4180 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3810 JT	8350 JT	4800 JT
PH-ROD Total HPAH (U = 1/2 max limit)				21600 JT	46500 JT	28000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				5480 JT	11000 JT	6090 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		27100 JT	57000 JT	34000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	317
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	30.6
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	999
C1-Decalins	SW8270DMSIM			--	--	67.2
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	269
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	1850
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	193
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-03-04-201107	USMPDI-056SC-A-04-05-201107	USMPDI-056SC-A-05-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	199
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	271
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	1340
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	55
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	670
C2-Decalins	SW8270DMSIM			--	--	192
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	349
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	780
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	302
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	366
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	222
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	1150
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	91.6
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	455
C3-Decalins	SW8270DMSIM			--	--	238
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	316

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-03-04-201107	USMPDI-056SC-A-04-05-201107	USMPDI-056SC-A-05-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	504
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	351
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	485
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	172
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	739
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	85.9
C4-Chrysenes	SW8270DMSIM			--	--	218
C4-Decalins	SW8270DMSIM			--	--	382
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	163
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	340
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	377
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	86.7
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	335
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			6.83 U	8.88 U	3.79 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			6.83 U	7.93 U	3.30 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			6.83 U	6.34 U	3.30 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			16.5	20.3	20.2 J
4,4'-DDE (p,p'-DDE)	SW8081B			7.92	12.7 U	6.45 J
4,4'-DDT (p,p'-DDT)	SW8081B			6.83 U	6.34 U	3.30 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-03-04-201107	USMPDI-056SC-A-04-05-201107	USMPDI-056SC-A-05-06-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	5 - 6 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				6.83 UT	8.88 UT	3.79 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				27.8 T	29.8 T	28.3 JT
PH-ROD Sum DDD (U = 1/2 max limit)				19.9 T	24.7 T	22.1 JT
PH-ROD Sum DDE (U = 1/2 max limit)				11.3 T	12.7 UT	8.10 JT
PH-ROD Sum DDT (U = 1/2 max limit)				6.83 UT	6.34 UT	3.30 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	38.1 T	41.4 T	33.5 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000687 J	0.000285 J	0.00106 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000172 J	0.00109 J	0.00309 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000150 J	0.00124 J	0.00342 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00124 J	0.00958	0.0257
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000449 J	0.00341	0.0103
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0156	0.156	0.418
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.168	1.69	4.24
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000495 J	0.00320 J	0.00834 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00129 J	0.00832 J	0.00724
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00854	0.0673	0.149
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.032	0.321	0.839
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0011	0.013	0.0313
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00325	0.018	0.0414
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00156 J	0.0101	0.0216
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0044	0.0391	0.0913
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00103 J	0.00857	0.0224
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000192 U	0.000862 J	0.00952
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000402 J	0.00273	0.00913
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00257	0.032	0.102
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000455 J	0.0064	0.0223
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00467 J	0.0617	0.216
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00393	0.0395 J	0.116 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0099	0.0631	0.128

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-03-04-201107	USMPDI-056SC-A-04-05-201107	USMPDI-056SC-A-05-06-201107
				11/7/2020	11/7/2020	11/7/2020
				3 - 4 ft	4 - 5 ft	5 - 6 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0102	0.0901	0.211
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00686	0.0828	0.264
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00395 JT	0.0326 JT	0.0780 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00199 JT	0.0146 JT	0.0360 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00193 JT	0.0153 JT	0.0389 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.205 JT	2.05 JT	5.27 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			13.2 U	6.52 U	6.97 U
Aroclor 1221	SW8082A			6.66 U	6.52 U	6.97 U
Aroclor 1232	SW8082A			20.3 U	6.52 U	6.97 U
Aroclor 1242	SW8082A			19.5 U	13.2 J	8.81 J
Aroclor 1248	SW8082A			21.3 U	6.52 U	6.97 U
Aroclor 1254	SW8082A			22.9 J	28.7 J	19.4 J
Aroclor 1260	SW8082A			14.9 J	24.2 J	16.3 J
Aroclor 1262	SW8082A			6.66 U	6.52 U	6.97 U
Aroclor 1268	SW8082A			6.66 U	6.52 U	6.97 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	84.9 JT	85.7 JT	65.4 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-06-07-201107	USMPDI-056SC-A-07-08-201107	USMPDI-056SC-A-08-09-201107
				11/7/2020	11/7/2020	11/7/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			79.2	74.9	82.6
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-06-07-201107	USMPDI-056SC-A-07-08-201107	USMPDI-056SC-A-08-09-201107
				11/7/2020	11/7/2020	11/7/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			94.6	--	--
2-Methylpyrene	SW8270DMSIM			114	--	--
4-Methylpyrene	SW8270DMSIM			96	--	--
Benzo(b)fluorene	SW8270DMSIM			408 J	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			13.7	3.86	4.13
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			9.55	--	--
1-Methylnaphthalene	SW8270DMSIM			19.6	4.31	4.02
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			112	7.71	24.2
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-06-07-201107	USMPDI-056SC-A-07-08-201107	USMPDI-056SC-A-08-09-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			15.8	1.03 J	2.69
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			21.2	3.3	3.35
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			38.1	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			32.4	--	--
2-Methylnaphthalene	SW8270DMSIM			33.4	10.9	7.02
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			145	--	--
4-Methyldibenzothiophene	SW8270DMSIM			27.3	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			102	--	--
Acenaphthene	SW8270DMSIM			404	18.2	34.8
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			40.3	3.57	10.4
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			369	10.6	25.4
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			2020 J	36.8	155
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			399	--	--
Benzo(a)pyrene	SW8270DMSIM			2700	38.5	226
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			2110	23.1	134
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			132 J	--	--
Benzo(e)pyrene	SW8270DMSIM			1590	25.4	141

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-06-07-201107	USMPDI-056SC-A-07-08-201107	USMPDI-056SC-A-08-09-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			2040	31	216
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			1600	27.8	137
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			425	13.0 J	54.9
Benzothiophene	SW8270DMSIM			7.3	1.32 J	1.74 J
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			269 J	1.01 J	1.81 J
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			1960	49.1	209
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			3.42 J	1.25 U	0.919 J
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			450	3.25	19.8
Dibenzofuran	SW8270DMSIM			35.7	2.87	2.88
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			230	15.7	50.1
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			3620	119	501
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			133	7.35	14.1
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			1770	18.1	135

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-06-07-201107	USMPDI-056SC-A-07-08-201107	USMPDI-056SC-A-08-09-201107
				11/7/2020	11/7/2020	11/7/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	99.6	31.4	30.7
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			982	19.7	89.6
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			2440	132	392
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			3860	167	709
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			20.0 J	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3700 T	50.9 T	271 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3800 JT	49.9 T	290 T
PH-ROD Total HPAH (U = 1/2 max limit)				22000 JT	514 T	2440 T
PH-ROD Total LPAH (U = 1/2 max limit)				3520 T	214 T	514 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		26000 JT	728 T	2960 T
3-Methylphenanthrene	SW8270DMSIM			120	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			6.86	1.62 J	1.63 J
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			610	12	38.2
C1-Decalins	SW8270DMSIM			11	0.986 J	3.82
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			83.9	5.51	21.8
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			1160	35.1	126
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			75	4.67	14.7
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-06-07-201107	USMPDI-056SC-A-07-08-201107	USMPDI-056SC-A-08-09-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			32.8	9.59	6.9
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			129	4.31	13.8
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			489	31	94.1
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			14	1.32 J	2.11 J
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			243	5.92	15.9
C2-Decalins	SW8270DMSIM			22.4	2.07	7.9
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			62.6	6.55	16.5
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			314	11	28.7
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			72.4	6.11	17.3
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			53.4	6.12	7.84
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			61.3	3.42	8.66
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			240	19.2	48.6
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			24.5	2.02 J	4.46
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			158	5.57	11.8
C3-Decalins	SW8270DMSIM			22.9	1.25 U	6.75
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			44.6	5.12	11.6

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-06-07-201107	USMPDI-056SC-A-07-08-201107	USMPDI-056SC-A-08-09-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			165	5.71	13.5
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			59.4	5.56	14
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			104	7.26	18.6
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			50.0 J	2.17 J	6.44
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			107	10.6	25.7
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			19.8	--	--
C4-Chrysenes	SW8270DMSIM			63.9	2.50 U	9.27
C4-Decalins	SW8270DMSIM			29.4	1.25 U	9.48
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			20	2.5	5.76
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			116	3.29	9.8
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			77.7	5.98	19.6
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			16.7	1.28 J	3.04
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			43.7	5.13	12
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.49 UJ	2.50 UJ	2.29 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			2.49 UJ	2.50 UJ	2.29 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			2.49 UJ	2.50 UJ	2.29 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			4.05 J	2.50 UJ	2.29 UJ
4,4'-DDE (p,p'-DDE)	SW8081B			2.49 UJ	2.50 UJ	2.29 UJ
4,4'-DDT (p,p'-DDT)	SW8081B			2.49 UJ	2.50 UJ	2.29 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-06-07-201107	USMPDI-056SC-A-07-08-201107	USMPDI-056SC-A-08-09-201107
				11/7/2020	11/7/2020	11/7/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.49 UJT	2.50 UJT	2.29 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				6.54 JT	2.50 UJT	2.29 UJT
PH-ROD Sum DDD (U = 1/2 max limit)				5.30 JT	2.50 UJT	2.29 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				2.49 UJT	2.50 UJT	2.29 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				2.49 UJT	2.50 UJT	2.29 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	10.3 JT	2.50 UJT	2.29 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000197 U	0.0000381 U	0.0000347 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000469 U	0.0000827 U	0.000119 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000705 U	0.0000513 U	0.0000981 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00176 J	0.000132 J	0.000144 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00198 J	0.0000725 J	0.000106 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0328	0.00196 J	0.00277
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.336	0.0202	0.0367
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.132	0.0000670 J	0.0000347 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0423	0.0000827 U	0.000119 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0838	0.000621	0.0008
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.109	0.00451	0.007
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00263	0.000162 J	0.000356 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00309 J	0.000205 J	0.000279 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00240 J	0.000129 J	0.000174 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00546	0.000429 J	0.000296 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000447 U	0.000100 J	0.000107 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000363 U	0.0000469 U	0.0000651 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000388 U	0.0000408 U	0.0000730 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00667	0.000478 J	0.000592 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000350 U	0.000297 U	0.000327 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0107	0.000918 J	0.000739 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00676	0.000327 J	0.00106
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000383 U	0.000772 J	0.00157 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-A	USMPDI-056SC-A	USMPDI-056SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-A-06-07-201107	USMPDI-056SC-A-07-08-201107	USMPDI-056SC-A-08-09-201107
				11/7/2020	11/7/2020	11/7/2020
				6 - 7 ft	7 - 8 ft	8 - 9 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00525	0.00101 J	0.00122 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0141	0.00117 J	0.00139
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00665 JT	0.000449 JT	0.000709 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00277 JT	0.000226 JT	0.000287 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00292 JT	0.000234 JT	0.000295 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.405 JT	0.0251 JT	0.0426 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.04 U	5.19 U	4.47 U
Aroclor 1221	SW8082A			5.04 U	5.19 U	4.47 U
Aroclor 1232	SW8082A			5.04 U	5.19 U	4.47 U
Aroclor 1242	SW8082A			5.04 U	5.19 U	4.47 U
Aroclor 1248	SW8082A			5.04 U	5.19 U	4.47 U
Aroclor 1254	SW8082A			3.00 J	5.19 U	4.47 U
Aroclor 1260	SW8082A			5.04 U	5.19 U	4.47 U
Aroclor 1262	SW8082A			5.04 U	5.19 U	4.47 U
Aroclor 1268	SW8082A			5.04 U	5.19 U	4.47 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	23.2 JT	5.19 UT	4.47 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-00-02-201107	USMPDI-056SC-B-02-04-201107	USMPDI-056SC-B-04-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	70
Plastic limit	D4318			--	--	36
Plasticity index	D4318			--	--	34
Specific gravity	D854			--	--	2.62
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			3.93	10.4	21
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	76.7
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			48.2	53.1	56.4
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	22.2
Total fines (Reported, not calculated)	D6913			--	--	77.8
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	80
Percent passing 850 micron sieve (#20)	D6913			--	--	100
Percent passing 425 micron sieve (#40)	D6913			--	--	99
Percent passing 250 micron sieve (#60)	D6913			--	--	90
Percent passing 150 micron sieve (#100)	D6913			--	--	83
Percent passing 75 micron sieve (#200)	D6913			--	--	78
Metals (mg/kg)						
Arsenic	SW6020B			6.3	6.4	5.97
Cadmium	SW6020B			0.279	0.382	0.428
Chromium	SW6020B			37.4	36.6	35.8
Copper	SW6020B			56.8	62.4	56
Lead	SW6020B			17.8	27.9	43.9
Manganese	SW6020B			873	908	836

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-00-02-201107	USMPDI-056SC-B-02-04-201107	USMPDI-056SC-B-04-06-201107
				11/7/2020	11/7/2020	11/7/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Vanadium	SW6020B			114	107	107
Zinc	SW6020B			139	168	152
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			81.9 U	69.8 U	61.9 U
1,2-Dichloroethene, cis-	SW8260D			81.9 U	69.8 U	61.9 U
Benzene	SW8260D			32.8 U	27.9 U	24.7 U
Chlorobenzene	SW8260D		320	81.9 U	69.8 U	61.9 U
Ethylbenzene	SW8260D			81.9 U	69.8 U	61.9 U
m,p-Xylene	SW8260D			164 U	140 U	124 U
o-Xylene	SW8260D			81.9 U	69.8 U	61.9 U
Tetrachloroethene (PCE)	SW8260D			81.9 U	69.8 U	61.9 U
Toluene	SW8260D			164 U	140 U	124 U
Trichloroethene (TCE)	SW8260D			81.9 U	69.8 U	61.9 U
Vinyl chloride	SW8260D			81.9 U	69.8 U	61.9 U
PH-ROD Total BTEX (U = 1/2 max limit)				164 UT	140 UT	124 UT
PH-ROD Total Xylene (U = 1/2 max limit)				164 UT	140 UT	124 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	246	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	37.9	--
Pentachlorophenol	SW8270E			247 U	465 U	411 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	54.1	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	184	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-00-02-201107	USMPDI-056SC-B-02-04-201107	USMPDI-056SC-B-04-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	39.9	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	69.5	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	115	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	346	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	105	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	281	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	1320	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	1830	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	1230	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-00-02-201107	USMPDI-056SC-B-02-04-201107	USMPDI-056SC-B-04-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	1290	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	1550	--
Benzo(j)fluoranthene	SW8270ESIM			--	757	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	737	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	22.6 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	101	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	1680	--
Decalin, cis-	SW8270ESIM			--	23.8 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	23.8 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	154	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	77.5	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	134	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	2820	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	232	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-00-02-201107	USMPDI-056SC-B-02-04-201107	USMPDI-056SC-B-04-06-201107
				11/7/2020	11/7/2020	11/7/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	1070	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	326	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	649	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	1870	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	3220	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	2720 T	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	2360 T	--
PH-ROD Total HPAH (U = 1/2 max limit)				--	16400 T	--
PH-ROD Total LPAH (U = 1/2 max limit)				--	3280 T	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	19600 T	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	1320	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	30.3	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	133	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	283	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	192	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	1460	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	195	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-00-02-201107	USMPDI-056SC-B-02-04-201107	USMPDI-056SC-B-04-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	150	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	286	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	828	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	691	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	39.8	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	332	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	110	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	285	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	851	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	242	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	225	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	258	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	812	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	374	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	23.8 U	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	216	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	38.5	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-00-02-201107	USMPDI-056SC-B-02-04-201107	USMPDI-056SC-B-04-06-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	316	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	618	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	260	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	300	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	23.8 U	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	612	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	140	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	387	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	213	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	370	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	227	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	92.1	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	274	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-00-02-201107	USMPDI-056SC-B-02-04-201107	USMPDI-056SC-B-04-06-201107
				11/7/2020	11/7/2020	11/7/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			100 U	94 U	90 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			100 U	94 U	90 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-00-02-201107	USMPDI-056SC-B-02-04-201107	USMPDI-056SC-B-04-06-201107
				11/7/2020	11/7/2020	11/7/2020
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	--
Aroclor 1221	SW8082A			--	--	--
Aroclor 1232	SW8082A			--	--	--
Aroclor 1242	SW8082A			--	--	--
Aroclor 1248	SW8082A			--	--	--
Aroclor 1254	SW8082A			--	--	--
Aroclor 1260	SW8082A			--	--	--
Aroclor 1262	SW8082A			--	--	--
Aroclor 1268	SW8082A			--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	297	--
Motor oil range hydrocarbons	NWTPHDx			--	722	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.01 U	3.81 U	3.59 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-06-08-201107	USMPDI-056SC-B-08-10-201107	USMPDI-056SC-B-10-12-201107
				11/7/2020	11/7/2020	11/7/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.435	0.143	0.0957 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.12	0.092	0.15
Total Solids	SM2540G			76.1	84	77.2
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.09	3.1	3.23
Cadmium	SW6020B			0.0827 J	0.121 U	0.126 U
Chromium	SW6020B			16.4	15.9	15.9
Copper	SW6020B			19.4	17.9	19.5
Lead	SW6020B			4.09	3.64	3.17
Manganese	SW6020B			324	445	432

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-06-08-201107	USMPDI-056SC-B-08-10-201107	USMPDI-056SC-B-10-12-201107
				11/7/2020	11/7/2020	11/7/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Vanadium	SW6020B			65.3	66	68.4
Zinc	SW6020B			51.1	53	49.6
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			43.0 U	36.8 U	37.6 U
1,2-Dichloroethene, cis-	SW8260D			43.0 U	36.8 U	37.6 U
Benzene	SW8260D			17.2 U	14.7 U	15.0 U
Chlorobenzene	SW8260D		320	43.0 U	36.8 U	37.6 U
Ethylbenzene	SW8260D			43.0 U	36.8 U	37.6 U
m,p-Xylene	SW8260D			86.1 U	51.1 J	75.2 U
o-Xylene	SW8260D			43.0 U	36.8 U	37.6 U
Tetrachloroethene (PCE)	SW8260D			43.0 U	36.8 U	37.6 U
Toluene	SW8260D			86.1 U	73.7 U	75.2 U
Trichloroethene (TCE)	SW8260D			43.0 U	36.8 U	37.6 U
Vinyl chloride	SW8260D			43.0 U	36.8 U	37.6 U
PH-ROD Total BTEX (U = 1/2 max limit)				86.1 UT	132 JT	75.2 UT
PH-ROD Total Xylene (U = 1/2 max limit)				86.1 UT	69.5 JT	75.2 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			121 U	112 U	30.7 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-06-08-201107	USMPDI-056SC-B-08-10-201107	USMPDI-056SC-B-10-12-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			31.2	5.78 J	3.32
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			102	24.2	4.99
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			27.4	12.5	3.07 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			43.3	18.9	4.07
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			141	83	9.29
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			208	156	14.3
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			157	115	10.6
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-06-08-201107	USMPDI-056SC-B-08-10-201107	USMPDI-056SC-B-10-12-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			136	116	9.57
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			55.7 J	40.0 J	3.61 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			165	100	10.8
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			14	10.6 J	3.07 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			462	265	26.1
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			43.3	10.7 J	2.37 J
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-06-08-201107	USMPDI-056SC-B-08-10-201107	USMPDI-056SC-B-10-12-201107
				11/7/2020	11/7/2020	11/7/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Indeno(1,2,3-c,d)pyrene	SW8270E			109	92.1	7.79
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	121	29	8.04
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			444	219	37
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			488	337	40.9
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				213 JT	155 JT	14.2 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	263 JT	200 JT	18.6 JT
PH-ROD Total HPAH (U = 1/2 max limit)				1940 JT	1300 JT	134 JT
PH-ROD Total LPAH (U = 1/2 max limit)				812 T	320 JT	61.3 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		2750 JT	1600 JT	196 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-06-08-201107	USMPDI-056SC-B-08-10-201107	USMPDI-056SC-B-10-12-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-06-08-201107	USMPDI-056SC-B-08-10-201107	USMPDI-056SC-B-10-12-201107
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				11/7/2020	11/7/2020	11/7/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.53 U	2.29 UJ	2.50 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.53 U	2.29 UJ	2.50 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.53 U	2.29 UJ	2.50 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.53 U	2.29 UJ	2.50 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.53 U	2.29 UJ	2.50 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.53 U	2.29 UJ	2.50 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-06-08-201107	USMPDI-056SC-B-08-10-201107	USMPDI-056SC-B-10-12-201107
				11/7/2020	11/7/2020	11/7/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.53 UT	2.29 UJT	2.50 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.53 UT	2.29 UJT	2.50 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.53 UT	2.29 UJT	2.50 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.53 UT	2.29 UJT	2.50 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.53 UT	2.29 UJT	2.50 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.53 UT	2.29 UJT	2.50 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			65 U	60 U	65 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			65 U	60 U	65 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-056SC-B	USMPDI-056SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-06-08-201107	USMPDI-056SC-B-08-10-201107	USMPDI-056SC-B-10-12-201107
				11/7/2020	11/7/2020	11/7/2020
				6 - 8 ft	8 - 10 ft	10 - 12 ft
				N	N	N
				7622447.706	7622447.706	7622447.706
				706905.494	706905.494	706905.494
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.06 U	4.61 U	4.82 U
Aroclor 1221	SW8082A			5.06 U	4.61 U	4.82 U
Aroclor 1232	SW8082A			5.06 U	4.61 U	4.82 U
Aroclor 1242	SW8082A			5.06 U	4.61 U	4.82 U
Aroclor 1248	SW8082A			5.06 U	4.61 U	4.82 U
Aroclor 1254	SW8082A			4.04 J	4.61 U	4.82 U
Aroclor 1260	SW8082A			2.96 J	4.61 U	4.82 U
Aroclor 1262	SW8082A			5.06 U	4.61 U	4.82 U
Aroclor 1268	SW8082A			5.06 U	4.61 U	4.82 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	24.7 JT	4.61 UT	4.82 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.58 U	2.43 U	2.6 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-057SC-A	USMPDI-057SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-12-14-201107	USMPDI-057SC-A-03-04-201109	USMPDI-057SC-A-04-05-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.122 U	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.083	0.62	0.86
Total Solids	SM2540G			81.6	73.7	74.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.16	--	--
Cadmium	SW6020B			0.125 U	--	--
Chromium	SW6020B			15.4	--	--
Copper	SW6020B			17.9	--	--
Lead	SW6020B			2.79	--	--
Manganese	SW6020B			533	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-057SC-A	USMPDI-057SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-12-14-201107	USMPDI-057SC-A-03-04-201109	USMPDI-057SC-A-04-05-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			67.1	--	--
Zinc	SW6020B			47.4	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			41.2 U	--	--
1,2-Dichloroethene, cis-	SW8260D			41.2 U	--	--
Benzene	SW8260D			16.5 U	--	--
Chlorobenzene	SW8260D		320	41.2 U	--	--
Ethylbenzene	SW8260D			41.2 U	--	--
m,p-Xylene	SW8260D			82.3 U	--	--
o-Xylene	SW8260D			41.2 U	--	--
Tetrachloroethene (PCE)	SW8260D			41.2 U	--	--
Toluene	SW8260D			82.3 U	--	--
Trichloroethene (TCE)	SW8260D			41.2 U	--	--
Vinyl chloride	SW8260D			41.2 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				82.3 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				82.3 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	915	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	104	--
Pentachlorophenol	SW8270E			29.5 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	72	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	1330 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-057SC-A	USMPDI-057SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-12-14-201107	USMPDI-057SC-A-03-04-201109	USMPDI-057SC-A-04-05-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			11/7/2020	11/9/2020	11/9/2020
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			12 - 14 ft	3 - 4 ft	4 - 5 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622447.706	7622550.097	7622550.097
2-Methylanthracene	SW8270DMSIM			706905.494	706690.481	706690.481
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM					
2-Methylnaphthalene	SW8270E			2.95 U	--	156 U
2-Methylnaphthalene	SW8270ESIM			--	234	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			2.95 U	--	1770
Acenaphthene	SW8270ESIM			--	5130	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			2.95 U	--	236
Acenaphthylene	SW8270ESIM			--	162 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			2.95 U	--	1130
Anthracene	SW8270ESIM			--	5180	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			7.1	--	1630
Benzo(a)anthracene	SW8270ESIM			--	2710 J	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			10.9	--	3000
Benzo(a)pyrene	SW8270ESIM			--	3480	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			9.14	--	2160
Benzo(b)fluoranthene	SW8270ESIM			--	1880 J	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-057SC-A	USMPDI-057SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-12-14-201107	USMPDI-057SC-A-03-04-201109	USMPDI-057SC-A-04-05-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	2280 J	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			4.72	--	2240
Benzo(g,h,i)perylene	SW8270ESIM			--	3030	--
Benzo(j)fluoranthene	SW8270ESIM			--	1550 J	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.95 J	--	654 J
Benzo(k)fluoranthene	SW8270ESIM			--	1310 J	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	44.8 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	98	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			7.58	--	1880
Chrysene	SW8270ESIM			--	3620	--
Decalin, cis-	SW8270ESIM			--	13.8 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	13.8 UJ	--
Dibenzo(a,h)anthracene	SW8270E			2.95 U	--	162
Dibenzo(a,h)anthracene	SW8270ESIM			--	475	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	453	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	2560 J	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			11.5 J	--	6690
Fluoranthene	SW8270ESIM			--	14800	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			2.95 U	--	1080
Fluorene	SW8270ESIM			--	3710	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-057SC-A	USMPDI-057SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-12-14-201107	USMPDI-057SC-A-03-04-201109	USMPDI-057SC-A-04-05-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			4.93	--	1700
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	1780 J	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	2.95 U	--	667
Naphthalene	SW8270ESIM		140000	--	386	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	1310	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			4.36	--	6860
Phenanthrene	SW8270ESIM			--	26400	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			10.8 J	--	7400
Pyrene	SW8270ESIM			--	17000	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				13.1 JT	4740 JT	2810 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	14.5 JT	4610 JT	3700 JT
PH-ROD Total HPAH (U = 1/2 max limit)				72.1 JT	52000 JT	28000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				13.2 T	41200 JT	11800 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		85.3 JT	93000 JT	39000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	13.8 U	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	90.5	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	13.8 U	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	427	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	1700	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	5110	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	1960	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-057SC-A	USMPDI-057SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-12-14-201107	USMPDI-057SC-A-03-04-201109	USMPDI-057SC-A-04-05-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			11/7/2020	11/9/2020	11/9/2020
C1-Naphthalenes	SW8270ESIM			12 - 14 ft	3 - 4 ft	4 - 5 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622447.706	7622550.097	7622550.097
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706905.494	706690.481	706690.481
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	266	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	683	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	7490	--
C2-Decalins	SW8270ESIM			--	13.8 U	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	650	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	1520	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	1790	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	1960	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	4360	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	4390	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	13.8 U	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	13.8 U	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	13.8 U	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	29.3	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-057SC-A	USMPDI-057SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-12-14-201107	USMPDI-057SC-A-03-04-201109	USMPDI-057SC-A-04-05-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	1030	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	859	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	1420	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	4690	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	330	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	2100	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	13.8 U	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	13.8 U	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	464	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	1260	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	2400	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	13.8 U	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	426	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.42 U	35.5	2.57 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.42 U	26	2.57 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.42 U	5.32 U	2.57 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.42 U	83.3	3.22
4,4'-DDE (p,p'-DDE)	SW8081B			2.42 U	18.3	2.57 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.42 U	53.5	2.57 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-057SC-A	USMPDI-057SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-12-14-201107	USMPDI-057SC-A-03-04-201109	USMPDI-057SC-A-04-05-201109
				11/7/2020	11/9/2020	11/9/2020
				12 - 14 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7622447.706	7622550.097	7622550.097
				706905.494	706690.481	706690.481
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.42 UT	64.2 T	2.57 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.42 UT	155 T	5.79 T
PH-ROD Sum DDD (U = 1/2 max limit)				2.42 UT	119 T	4.51 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.42 UT	44.3 T	2.57 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.42 UT	56.2 T	2.57 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.42 UT	219 T	9.65 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			62 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			62 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000125 J	0.0000355 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000255 J	0.000105 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000677 J	0.000132 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0051	0.000898 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00144 J	0.000344 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.406	0.0482 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	3.38	0.424
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00298 J	0.000489 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00551 J	0.00141 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0843	0.0111 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.919	0.0988 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0151	0.000995
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0231	0.000953 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0147	0.000913 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0341	0.00134 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00813	0.000464 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00198 J	0.0000664 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00291	0.000304 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0316	0.00537
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00683	0.000387 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.133	0.0105
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0476 J	0.00535 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0795	0.00719 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-056SC-B	USMPDI-057SC-A	USMPDI-057SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-056SC-B-12-14-201107	USMPDI-057SC-A-03-04-201109	USMPDI-057SC-A-04-05-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0756	0.00672
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.115	0.0139
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0386 JT	0.00254 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0159 JT	0.00112 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0179 JT	0.00155 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	4.07 JT	0.495 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.54 U	5.30 U	5.16 U
Aroclor 1221	SW8082A			4.54 U	5.30 U	5.16 U
Aroclor 1232	SW8082A			4.54 U	5.30 U	5.16 U
Aroclor 1242	SW8082A			4.54 U	5.30 U	5.16 U
Aroclor 1248	SW8082A			4.54 U	5.83 U	5.16 U
Aroclor 1254	SW8082A			4.54 U	16.7 U	5.16 U
Aroclor 1260	SW8082A			4.54 U	14.8	5.16 U
Aroclor 1262	SW8082A			4.54 U	5.30 U	5.16 U
Aroclor 1268	SW8082A			4.54 U	5.30 U	5.16 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.54 UT	42.0 T	5.16 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	610	--
Motor oil range hydrocarbons	NWTPHDx			--	458	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.47 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-A	USMPDI-057SC-A	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-A-05-06-201109	USMPDI-057SC-A-06-07-201109	USMPDI-057SC-B-00-02-201109
				11/9/2020	11/9/2020	11/9/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	52.9 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.11	0.081	0.87
Total Solids	SM2540G			80.9	75.2	68.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	4.17
Cadmium	SW6020B			--	--	0.239
Chromium	SW6020B			--	--	25
Copper	SW6020B			--	--	27.5
Lead	SW6020B			--	--	17.4
Manganese	SW6020B			--	--	378

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-A	USMPDI-057SC-A	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-A-05-06-201109	USMPDI-057SC-A-06-07-201109	USMPDI-057SC-B-00-02-201109
				11/9/2020	11/9/2020	11/9/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
Vanadium	SW6020B			--	--	92.4
Zinc	SW6020B			--	--	110
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	48.9 U
1,2-Dichloroethene, cis-	SW8260D			--	--	48.9 U
Benzene	SW8260D			--	--	19.5 U
Chlorobenzene	SW8260D		320	--	--	48.9 U
Ethylbenzene	SW8260D			--	--	48.9 U
m,p-Xylene	SW8260D			--	--	97.7 U
o-Xylene	SW8260D			--	--	48.9 U
Tetrachloroethene (PCE)	SW8260D			--	--	48.9 U
Toluene	SW8260D			--	--	97.7 U
Trichloroethene (TCE)	SW8260D			--	--	48.9 U
Vinyl chloride	SW8260D			--	--	48.9 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	97.7 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	97.7 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	718 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-A	USMPDI-057SC-A	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-A-05-06-201109	USMPDI-057SC-A-06-07-201109	USMPDI-057SC-B-00-02-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			1.63 J	1.60 J	254
2-Methylnaphthalene	SW8270ESIM			--	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			23.5	49.6	1140
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			3.03 U	3.18 U	201
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			6.27	5.23	945
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			8.04	10.9	2430
Benzo(a)anthracene	SW8270ESIM			--	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			14.9	26.2	3610
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			10.7	18	3100
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-A	USMPDI-057SC-A	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-A-05-06-201109	USMPDI-057SC-A-06-07-201109	USMPDI-057SC-B-00-02-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			11	21.5	2090
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			3.37 J	6.25 J	1040 J
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			9.31	13.1	2610
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			3.03 U	3.18 U	288
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			26.8 J	30	6300
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			4.06	3.31	924
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-A	USMPDI-057SC-A	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-A-05-06-201109	USMPDI-057SC-A-06-07-201109	USMPDI-057SC-B-00-02-201109
				11/9/2020	11/9/2020	11/9/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
Indeno(1,2,3-c,d)pyrene	SW8270E			8.6	16.1	1870
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	9.41	19.2	501
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			33.7	27.3	5710
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			39.4	44	6120
Pyrene	SW8270ESIM			--	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				14.1 JT	24.3 JT	4100 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	19.2 JT	32.4 JT	4700 JT
PH-ROD Total HPAH (U = 1/2 max limit)				134 JT	188 JT	29000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				80.1 JT	108 JT	9680 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		214 JT	295 JT	39000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-A	USMPDI-057SC-A	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-A-05-06-201109	USMPDI-057SC-A-06-07-201109	USMPDI-057SC-B-00-02-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			11/9/2020	11/9/2020	11/9/2020
C1-Naphthalenes	SW8270ESIM			5 - 6 ft	6 - 7 ft	0 - 2 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622550.097	7622550.097	7622550.097
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706690.481	706690.481	706690.481
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-A	USMPDI-057SC-A	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-A-05-06-201109	USMPDI-057SC-A-06-07-201109	USMPDI-057SC-B-00-02-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.32 U	2.52 U	5.52 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.32 U	2.52 U	5.52 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.32 U	2.52 U	5.52 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.32 U	2.52 U	16.3
4,4'-DDE (p,p'-DDE)	SW8081B			2.32 U	2.52 U	5.11 J
4,4'-DDT (p,p'-DDT)	SW8081B			2.32 U	2.52 U	5.52 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-A	USMPDI-057SC-A	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-A-05-06-201109	USMPDI-057SC-A-06-07-201109	USMPDI-057SC-B-00-02-201109
				11/9/2020	11/9/2020	11/9/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.32 UT	2.52 UT	5.52 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.32 UT	2.52 UT	24.2 JT
PH-ROD Sum DDD (U = 1/2 max limit)				2.32 UT	2.52 UT	19.1 T
PH-ROD Sum DDE (U = 1/2 max limit)				2.32 UT	2.52 UT	7.87 JT
PH-ROD Sum DDT (U = 1/2 max limit)				2.32 UT	2.52 UT	5.52 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.32 UT	2.52 UT	32.5 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	70 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	70 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000411 J	0.0000396 J	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000454 U	0.0000479 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000487 J	0.0000321 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000839 J	0.0000509 J	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000136 J	0.000105 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00148 J	0.000891 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0228	0.01	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000275 J	0.000165 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000512 J	0.000206 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00171 J	0.00123 J	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00362	0.00238	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000139 U	0.0000109 U	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000210 U	0.0000185 U	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000181 U	0.0000194 U	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000538 J	0.0000461 J	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000242 U	0.0000226 U	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000413 J	0.0000307 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000262 U	0.0000242 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000112 J	0.0000725 J	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000339 U	0.0000336 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000467 J	0.000147 J	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0000480 J	0.0000109 U	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000303	0.0000194 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-A	USMPDI-057SC-A	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-A-05-06-201109	USMPDI-057SC-A-06-07-201109	USMPDI-057SC-B-00-02-201109
				11/9/2020	11/9/2020	11/9/2020
				5 - 6 ft	6 - 7 ft	0 - 2 ft
				N	N	N
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000155 J	0.0000971	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000359	0.000143 J	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000115 JT	0.000104 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000113 JT	0.0000915 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000129 JT	0.000107 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0254 JT	0.0115 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.81 U	5.04 U	5.57 U
Aroclor 1221	SW8082A			4.81 U	5.04 U	5.57 U
Aroclor 1232	SW8082A			4.81 U	5.04 U	5.57 U
Aroclor 1242	SW8082A			4.81 U	5.04 U	9.44 J
Aroclor 1248	SW8082A			4.81 U	5.04 U	5.57 U
Aroclor 1254	SW8082A			4.81 U	5.04 U	14.9 J
Aroclor 1260	SW8082A			4.81 U	5.04 U	10.2 J
Aroclor 1262	SW8082A			4.81 U	5.04 U	5.57 U
Aroclor 1268	SW8082A			4.81 U	5.04 U	5.57 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.81 UT	5.04 UT	51.3 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	2.8 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-02-04-201109	USMPDI-057SC-B-04-06-201109	USMPDI-057SC-B-06-08-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	31	--
Plastic limit	D4318			--	26	--
Plasticity index	D4318			--	5	--
Specific gravity	D854			--	2.69	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			31.1 J	1.32 J	0.113 JT
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	29.9	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			70.1	76.5	74.0 T
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	67.9	--
Total fines (Reported, not calculated)	D6913			--	32.1	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	100	--
Percent passing 110 micron sieve (#140)	D6913			--	34	--
Percent passing 850 micron sieve (#20)	D6913			--	100	--
Percent passing 425 micron sieve (#40)	D6913			--	97	--
Percent passing 250 micron sieve (#60)	D6913			--	68	--
Percent passing 150 micron sieve (#100)	D6913			--	39	--
Percent passing 75 micron sieve (#200)	D6913			--	32	--
Metals (mg/kg)						
Arsenic	SW6020B			3.87	3.03	3.07 T
Cadmium	SW6020B			0.275	0.0743 J	0.0725 JT
Chromium	SW6020B			21.1	18.3	21.5 T
Copper	SW6020B			29.7	21.3	20.1 T
Lead	SW6020B			22	7.82	5.21 T
Manganese	SW6020B			305	301	340 T

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-02-04-201109	USMPDI-057SC-B-04-06-201109	USMPDI-057SC-B-06-08-201109
				11/9/2020	11/9/2020	11/9/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
Vanadium	SW6020B			76.5 J	69.3 J	79.8 JT
Zinc	SW6020B			104	54.8	53.0 T
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			50.9 U	32.9 U	36.7 UT
1,2-Dichloroethene, cis-	SW8260D			50.9 U	32.9 U	36.7 UT
Benzene	SW8260D			20.4 U	13.1 U	14.7 UT
Chlorobenzene	SW8260D		320	50.9 U	32.9 U	36.7 UT
Ethylbenzene	SW8260D			50.9 U	32.9 U	36.7 UT
m,p-Xylene	SW8260D			102 U	65.7 U	73.3 UT
o-Xylene	SW8260D			50.9 U	32.9 U	36.7 UT
Tetrachloroethene (PCE)	SW8260D			50.9 U	32.9 U	36.7 UT
Toluene	SW8260D			102 U	65.7 U	73.3 UT
Trichloroethene (TCE)	SW8260D			50.9 U	32.9 U	36.7 UT
Vinyl chloride	SW8260D			50.9 U	32.9 U	36.7 UT
PH-ROD Total BTEX (U = 1/2 max limit)				102 UT	65.7 UT	73.3 UT
PH-ROD Total Xylene (U = 1/2 max limit)				102 UT	65.7 UT	73.3 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	140	5.3 T
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	23.6	3.0 JT
Pentachlorophenol	SW8270E			1400 U	326 U	31.9 UT
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	18.6	4.9 UT
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	165	4.5 JT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-02-04-201109	USMPDI-057SC-B-04-06-201109	USMPDI-057SC-B-06-08-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	68.8	1.2 JT
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	110	1.5 JT
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	33.8	4.9 UT
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	522	25.5 T
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	44.9 J	3.7 JT
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	390	13.1 T
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	541	29.3 T
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	908	51.5 T
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	451	29.9 T
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-02-04-201109	USMPDI-057SC-B-04-06-201109	USMPDI-057SC-B-06-08-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	525	33.0 T
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	933	67.7 T
Benzo(j)fluoranthene	SW8270ESIM			--	373	17.0 T
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	377	15.7 T
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	8.6 J	3.0 JT
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	11.9	1.5 JT
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	721	33.1 T
Decalin, cis-	SW8270ESIM			--	4.9 UJ	4.9 UJT
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	3.3 J	4.9 UJT
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	98.6	3.9 JT
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	49.2	2.6 JT
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	315	5.4 JT
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	2630	94.3 T
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	417	7.0 T
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-02-04-201109	USMPDI-057SC-B-04-06-201109	USMPDI-057SC-B-06-08-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	501	38.1 T
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	120	24.5 T
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	356	89.2 T
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	3170	88.1 T
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	3180	140 T
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	1200 T	62.6 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	1160 T	65 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	10700 T	520 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	4700 JT	160 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	15000 JT	690 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	4.9 U	9.8 T
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	14.9	2.0 JT
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	4.9 U	4.9 UT
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	72.7	3.1 JT
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	153	3.3 JT
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	651	26.9 T
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	158	5.1 JT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-02-04-201109	USMPDI-057SC-B-04-06-201109	USMPDI-057SC-B-06-08-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	39.9	4.9 UT
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	66.3	3.3 JT
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	727	19.1 T
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	4.9 U	5.6 T
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	73.8	4.9 UT
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	4.9 U	11.4 T
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	4.9 U	1.1 JT
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	128	3.1 JT
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	236	7.6 T
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	144	5.1 JT
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	473	7.7 T
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	43.2	2.8 JT
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	360	13.7 T
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	4.9 U	3.4 JT
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	4.9 U	4.9 UT
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	4.9 U	7.0 T
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	4.9 U	4.9 UT
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-02-04-201109	USMPDI-057SC-B-04-06-201109	USMPDI-057SC-B-06-08-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	73.5	2.6 JT
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	106	5.9 T
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	108	4.5 JT
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	467	6.7 T
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	4.9 U	7.1 T
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	202	9.25 T
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	4.9 U	1.4 JT
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	4.9 U	9.2 T
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	4.9 U	2.2 JT
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	245	15.3 T
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	175	5.2 JT
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	4.9 U	4.9 UT
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	77	6.2 T
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-02-04-201109	USMPDI-057SC-B-04-06-201109	USMPDI-057SC-B-06-08-201109
				11/9/2020	11/9/2020	11/9/2020
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			370 U	66 UJ	66 UJT
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			370 UJ	66 UJ	66 UJT
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-02-04-201109	USMPDI-057SC-B-04-06-201109	USMPDI-057SC-B-06-08-201109
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			11/9/2020	11/9/2020	11/9/2020
Total Heptachlorodibenzofuran (HpCDF)	E1613B			2 - 4 ft	4 - 6 ft	6 - 8 ft
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				N	N	N
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				7622550.097	7622550.097	7622550.097
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				706690.481	706690.481	706690.481
PH-ROD Total PCDD/F (U = 1/2 max limit)						
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	--
Aroclor 1221	SW8082A			--	--	--
Aroclor 1232	SW8082A			--	--	--
Aroclor 1242	SW8082A			--	--	--
Aroclor 1248	SW8082A			--	--	--
Aroclor 1254	SW8082A			--	--	--
Aroclor 1260	SW8082A			--	--	--
Aroclor 1262	SW8082A			--	--	--
Aroclor 1268	SW8082A			--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	78.7	66.1 UT
Motor oil range hydrocarbons	NWTPHDx			--	131	132 UT
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.04 U	2.55 U	2.62 UT

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-08-10-201109	USMPDI-057SC-B-10-12-201109	USMPDI-057SC-B-12-13.5-201109
				USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.111 UJ	0.129 UJ	0.131 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.52 J	0.056	0.18
Total Solids	SM2540G			87.5	76.3	75.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.89	2.88	3.5
Cadmium	SW6020B			0.117 U	0.133 U	0.134 U
Chromium	SW6020B			16.5	16.1	21.2
Copper	SW6020B			16.6	17.1	18.2
Lead	SW6020B			2.68	2.83	3.05
Manganese	SW6020B			303	257	635

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-08-10-201109	USMPDI-057SC-B-10-12-201109	USMPDI-057SC-B-12-13.5-201109
				USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
				USMPDI-057SC-B-08-10-201109	USMPDI-057SC-B-10-12-201109	USMPDI-057SC-B-12-13.5-201109
				11/9/2020	11/9/2020	11/9/2020
				8 - 10 ft	10 - 12 ft	12 - 13.5 ft
				N	N	N
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
Vanadium	SW6020B			67.7	67.6	83
Zinc	SW6020B			46.6	44.8	51.5
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			38.2 U	36.7 U	36.0 U
1,2-Dichloroethene, cis-	SW8260D			38.2 U	36.7 U	36.0 U
Benzene	SW8260D			15.3 U	14.7 U	14.4 U
Chlorobenzene	SW8260D		320	38.2 U	36.7 U	36.0 U
Ethylbenzene	SW8260D			38.2 U	36.7 U	36.0 U
m,p-Xylene	SW8260D			76.4 U	73.5 U	72.0 U
o-Xylene	SW8260D			38.2 U	36.7 U	36.0 U
Tetrachloroethene (PCE)	SW8260D			38.2 U	36.7 U	36.0 U
Toluene	SW8260D			76.4 U	73.5 U	72.0 U
Trichloroethene (TCE)	SW8260D			38.2 U	36.7 U	36.0 U
Vinyl chloride	SW8260D			38.2 U	36.7 U	36.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				76.4 UT	73.5 UT	72.0 UT
PH-ROD Total Xylene (U = 1/2 max limit)				76.4 UT	73.5 UT	72.0 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			5.0 U	4.9 U	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			5.0 U	4.9 U	--
Pentachlorophenol	SW8270E			27.5 U	31.9 U	32.2 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			5.0 U	4.9 U	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			5.0 U	4.9 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-08-10-201109	USMPDI-057SC-B-10-12-201109	USMPDI-057SC-B-12-13.5-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			5.0 U	4.9 U	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			5.0 U	4.9 U	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	3.22 U
2-Methylnaphthalene	SW8270ESIM			5.0 U	4.9 U	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	3.22 U
Acenaphthene	SW8270ESIM			29.8 J	7.6 U	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	3.22 U
Acenaphthylene	SW8270ESIM			5.0 UJ	4.9 UJ	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	3.22 U
Anthracene	SW8270ESIM			5.0 U	4.9 U	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	3.22 U
Benzo(a)anthracene	SW8270ESIM			5.0 U	4.9 U	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	3.22 U
Benzo(a)pyrene	SW8270ESIM			1.3 J	4.9 U	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	3.22 U
Benzo(b)fluoranthene	SW8270ESIM			5.0 U	4.9 U	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-08-10-201109	USMPDI-057SC-B-10-12-201109	USMPDI-057SC-B-12-13.5-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			0.9 J	4.9 U	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	3.22 U
Benzo(g,h,i)perylene	SW8270ESIM			5.0 U	4.9 U	--
Benzo(j)fluoranthene	SW8270ESIM			5.0 U	4.9 U	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	3.22 U
Benzo(k)fluoranthene	SW8270ESIM			5.0 U	4.9 U	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			0.6 J	4.9 UJ	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			5.0 U	4.9 U	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	3.22 U
Chrysene	SW8270ESIM			1.4 J	4.9 U	--
Decalin, cis-	SW8270ESIM			5.0 UJ	4.9 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			5.0 UJ	4.9 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	3.22 U
Dibenzo(a,h)anthracene	SW8270ESIM			5.0 U	4.9 U	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			5.0 U	4.9 U	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			5.0 U	4.9 U	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	1.75 J
Fluoranthene	SW8270ESIM			2.8 J	4.9 U	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	3.22 U
Fluorene	SW8270ESIM			5.0 U	4.9 U	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-08-10-201109	USMPDI-057SC-B-10-12-201109	USMPDI-057SC-B-12-13.5-201109
				11/9/2020	11/9/2020	11/9/2020
				8 - 10 ft	10 - 12 ft	12 - 13.5 ft
				N	N	N
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	3.22 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1.0 J	4.9 U	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	3.22 U
Naphthalene	SW8270ESIM		140000	5.0 U	4.9 U	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			49.8	34.6	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	2.44 J
Phenanthrene	SW8270ESIM			5.0 U	4.9 U	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	2.02 J
Pyrene	SW8270ESIM			5.0 U	4.9 U	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				5.0 UT	4.9 UT	3.22 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4.4 JT	4.9 UT	3.22 UT
PH-ROD Total HPAH (U = 1/2 max limit)				24 JT	4.9 UT	16.7 JT
PH-ROD Total LPAH (U = 1/2 max limit)				44.8 JT	7.6 UJT	12.1 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		69 JT	7.6 UJT	28.8 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			5.0 U	4.9 U	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			2.5 J	0.7 J	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			5.0 U	4.9 U	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			5.0 U	4.9 U	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			5.0 U	4.9 U	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			1.2 J	4.9 U	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			5.0 U	4.9 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-08-10-201109	USMPDI-057SC-B-10-12-201109	USMPDI-057SC-B-12-13.5-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			5.0 U	4.9 U	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			5.0 U	4.9 U	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			1.4 J	4.9 U	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			5.0 U	4.9 U	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			5.0 U	4.9 U	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			5.0 U	4.9 U	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			5.0 U	4.9 U	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			5.0 U	4.9 U	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			5.0 U	4.9 U	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			5.0 U	4.9 U	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			4.4 J	1.7 J	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			5.0 U	4.9 U	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			1.0 J	4.9 U	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			5.0 U	4.9 U	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			5.0 U	4.9 U	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			5.0 U	4.9 U	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			5.0 U	4.9 U	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-08-10-201109	USMPDI-057SC-B-10-12-201109	USMPDI-057SC-B-12-13.5-201109
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
C3-Dibenzothiophenes	SW8270ESIM			5.0 U	4.9 U	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			5.0 U	4.9 U	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			5.0 U	4.9 U	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			5.0 U	4.9 U	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			5.0 U	4.9 U	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			5.0 U	4.9 U	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			5.0 U	4.9 U	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			5.0 U	4.9 U	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			5.0 U	4.9 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			5.0 U	4.9 U	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			5.0 U	4.9 U	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			5.0 U	4.9 U	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			5.0 U	4.9 U	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.21 U	2.53 U	2.58 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.21 U	2.53 U	2.58 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.21 U	2.53 U	2.58 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.21 U	2.53 U	2.58 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.21 U	2.53 U	2.58 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.21 U	2.53 U	2.58 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-08-10-201109	USMPDI-057SC-B-10-12-201109	USMPDI-057SC-B-12-13.5-201109
				11/9/2020	11/9/2020	11/9/2020
				8 - 10 ft	10 - 12 ft	12 - 13.5 ft
				N	N	N
				7622550.097	7622550.097	7622550.097
				706690.481	706690.481	706690.481
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.21 UT	2.53 UT	2.58 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.21 UT	2.53 UT	2.58 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.21 UT	2.53 UT	2.58 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.21 UT	2.53 UT	2.58 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.21 UT	2.53 UT	2.58 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.21 UT	2.53 UT	2.58 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			57 U	65 UJ	66 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			57 UJ	65 UJ	66 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-057SC-B-08-10-201109	USMPDI-057SC-B-10-12-201109	USMPDI-057SC-B-12-13.5-201109
				USMPDI-057SC-B	USMPDI-057SC-B	USMPDI-057SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.42 U	5.17 U	5.05 U
Aroclor 1221	SW8082A			4.42 U	5.17 U	5.05 U
Aroclor 1232	SW8082A			4.42 U	5.17 U	5.05 U
Aroclor 1242	SW8082A			4.42 U	5.17 U	5.05 U
Aroclor 1248	SW8082A			4.42 U	5.17 U	5.05 U
Aroclor 1254	SW8082A			4.42 U	5.17 U	5.05 U
Aroclor 1260	SW8082A			4.42 U	5.17 U	5.05 U
Aroclor 1262	SW8082A			4.42 U	5.17 U	5.05 U
Aroclor 1268	SW8082A			4.42 U	5.17 U	5.05 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	4.42 UT	5.17 UT	5.05 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			56.7 U	65.9 U	--
Motor oil range hydrocarbons	NWTPHDx			113 U	132 U	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.26 UJ	2.61 U	2.76 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-A	USMPDI-005SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-02-03-210502	USMPDI-005SC-A-03-04-210502	USMPDI-005SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2	2.2	2.2
Total Solids	SM2540G			60.3	59.9	58.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-A	USMPDI-005SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-02-03-210502	USMPDI-005SC-A-03-04-210502	USMPDI-005SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			493	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			94.9	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			63.1 J	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			482	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-A	USMPDI-005SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-02-03-210502	USMPDI-005SC-A-03-04-210502	USMPDI-005SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			101	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			54.1	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			111 J	97.8 J	46.6 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1180	691	165
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			174	125	62.2 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			581	613	237
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			2220	2510	1070
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			3850	3920	1700
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			2370	2040	910
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-A	USMPDI-005SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-02-03-210502	USMPDI-005SC-A-03-04-210502	USMPDI-005SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			2330	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			4440	4190 J	1870 J
Benzo(j)fluoranthene	SW8270ESIM			1440	916	391
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1310	1320 J	596 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			29.0 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			42.8	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			2890	2870	1250
Decalin, cis-	SW8270ESIM			25.0 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			24.7 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			381	405	172
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			41.8	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			710 J	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			9060 J	7780	3270
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			732	522	153
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-A	USMPDI-005SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-02-03-210502	USMPDI-005SC-A-03-04-210502	USMPDI-005SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			2430	2530	1130
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	443 J	606	249
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			1340	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			6010	5180	1790
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			11800 J	9880	4170
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				5120 T	4280 JT	1900 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4950 T	5050 JT	2200 JT
PH-ROD Total HPAH (U = 1/2 max limit)				42200 JT	38400 JT	17000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				9230 JT	7830 JT	2700 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		51400 JT	46200 JT	19000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			1270	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			22.8 J	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			342	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			153	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			469	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			2490	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			409	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-A	USMPDI-005SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-02-03-210502	USMPDI-005SC-A-03-04-210502	USMPDI-005SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			110	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			218	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			1860	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			465	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			51.6	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			675	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			22.9 J	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			443	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			541	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			470	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			252	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			97.1	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			1100	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			185	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			73.6	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			535	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			11.9 J	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-A	USMPDI-005SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-02-03-210502	USMPDI-005SC-A-03-04-210502	USMPDI-005SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			278	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			260	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			348	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			466	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			63.2	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			525	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			57	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			35.1	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25.0 U	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			642	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			144	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			16.5 J	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			158	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			6.56 U	6.60 U	3.36 U
2,4'-DDE (o,p'-DDE)	SW8081B			6.56 U	6.60 U	3.36 U
2,4'-DDT (o,p'-DDT)	SW8081B			6.56 U	6.60 U	3.36 U
4,4'-DDD (p,p'-DDD)	SW8081B			6.56 U	6.60 U	3.36 U
4,4'-DDE (p,p'-DDE)	SW8081B			6.56 U	6.60 U	3.36 U
4,4'-DDT (p,p'-DDT)	SW8081B			6.56 U	6.60 U	3.36 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-A	USMPDI-005SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-02-03-210502	USMPDI-005SC-A-03-04-210502	USMPDI-005SC-A-04-05-210502
				5/2/2021	5/2/2021	5/2/2021
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				7621972.761	7621972.761	7621972.761
				707146.5597	707146.5597	707146.5597
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				6.56 UT	6.60 UT	3.36 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				6.56 UT	6.60 UT	3.36 UT
PH-ROD Sum DDD (U = 1/2 max limit)				6.56 UT	6.60 UT	3.36 UT
PH-ROD Sum DDE (U = 1/2 max limit)				6.56 UT	6.60 UT	3.36 UT
PH-ROD Sum DDT (U = 1/2 max limit)				6.56 UT	6.60 UT	3.36 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	6.56 UT	6.60 UT	3.36 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000671 J	0.0000260 U	0.0000584 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000862 J	0.0000617 U	0.0000779 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000560 J	0.0000590 U	0.0000700 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0000980 J	0.0000630 U	0.0000724 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000110 J	0.0000957 J	0.000114 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00200 J	0.000654 J	0.000970 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0195	0.0056	0.00831
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000896 J	0.000309 J	0.000933 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000720 J	0.000183 J	0.000922 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00229 J	0.00136 J	0.00252 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00468	0.0016	0.00252
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000885 U	0.0000419 U	0.000101 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000621 J	0.0000327 U	0.0000742 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000938 J	0.0000304 U	0.0000523 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000317 U	0.0000216 U	0.0000358 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000314 U	0.0000226 U	0.0000335 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000447 U	0.0000634 J	0.0000354 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000344 U	0.0000235 U	0.0000267 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000405 J	0.0000310 U	0.0000952 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000340 U	0.0000320 U	0.0000223 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000406 U	0.0000295 U	0.0000518 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00182 J	0.000488 J	0.00245 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000763 J	0.0000196 J	0.000445 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-A	USMPDI-005SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-02-03-210502	USMPDI-005SC-A-03-04-210502	USMPDI-005SC-A-04-05-210502
				USMPDI-005SC-A	USMPDI-005SC-A	USMPDI-005SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000534 J	0.0000999 J	0.000155 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00079	0.0000320 U	0.0000952
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000328 JT	0.000104 JT	0.000274 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000251 JT	0.0000806 JT	0.000202 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000251 JT	0.0000849 JT	0.000202 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0228 JT	0.00665 JT	0.0100 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.49 U	6.60 U	6.54 U
Aroclor 1221	SW8082A			6.49 U	6.60 U	6.54 U
Aroclor 1232	SW8082A			6.49 U	6.60 U	6.54 U
Aroclor 1242	SW8082A			6.49 U	6.60 U	6.54 U
Aroclor 1248	SW8082A			6.49 U	6.60 U	6.54 U
Aroclor 1254	SW8082A			6.49 U	6.60 U	6.54 U
Aroclor 1260	SW8082A			6.49 U	6.60 U	6.54 U
Aroclor 1262	SW8082A			6.49 U	6.60 U	6.54 U
Aroclor 1268	SW8082A			6.49 U	6.60 U	6.54 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	6.49 UT	6.60 UT	6.54 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			273	--	--
Motor oil range hydrocarbons	NWTPHDx			407	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-B	USMPDI-005SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-05-06-210502	USMPDI-005SC-B-00-02-210502	USMPDI-005SC-B-02-05-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	37	--
Plastic limit	D4318			--	24	--
Plasticity index	D4318			--	13	--
Specific gravity	D854			--	2.71	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	2.03	0.532
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	47.2	--
Total organic carbon	SM5310BM			1.9	2.7	--
Total Solids	SM2540G			61.7	64.1	61.4
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	53.6	--
Total fines (Reported, not calculated)	D6913			--	46.4	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	99	--
Percent passing 110 micron sieve (#140)	D6913			--	53	--
Percent passing 850 micron sieve (#20)	D6913			--	97	--
Percent passing 425 micron sieve (#40)	D6913			--	90	--
Percent passing 250 micron sieve (#60)	D6913			--	76	--
Percent passing 150 micron sieve (#100)	D6913			--	61	--
Percent passing 75 micron sieve (#200)	D6913			--	46	--
Metals (mg/kg)						
Arsenic	SW6020B			--	3.11	4.25
Cadmium	SW6020B			--	0.276	0.197
Chromium	SW6020B			--	21.4	27.4
Copper	SW6020B			--	33.9	39.6
Lead	SW6020B			--	33.8	20.3
Manganese	SW6020B			--	330	601

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-B	USMPDI-005SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-05-06-210502	USMPDI-005SC-B-00-02-210502	USMPDI-005SC-B-02-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	70.2	91.2
Zinc	SW6020B			--	101	88.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	50.4 U	57.2 U
1,2-Dichloroethene, cis-	SW8260D			--	50.4 U	57.2 U
Benzene	SW8260D			--	65.5	22.9 U
Chlorobenzene	SW8260D		320	--	50.4 U	57.2 U
Ethylbenzene	SW8260D			--	200	57.2 U
m,p-Xylene	SW8260D			--	766	114 U
o-Xylene	SW8260D			--	186	57.2 U
Tetrachloroethene (PCE)	SW8260D			--	50.4 U	57.2 U
Toluene	SW8260D			--	768	114 U
Trichloroethene (TCE)	SW8260D			--	50.4 U	57.2 U
Vinyl chloride	SW8260D			--	50.4 U	57.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	2000 T	114 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	952 T	114 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	3890 U	1590 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-B	USMPDI-005SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-05-06-210502	USMPDI-005SC-B-00-02-210502	USMPDI-005SC-B-02-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			28.0 J	307	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			108	6260	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			53.8	438	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			160	1860	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			300	7770	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			495	11700	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			270	5910	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-B	USMPDI-005SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-05-06-210502	USMPDI-005SC-B-00-02-210502	USMPDI-005SC-B-02-05-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			653 J	11100 J	--
Benzo(j)fluoranthene	SW8270ESIM			118	2790	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			175 J	3150 J	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			362	7990	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			55.3	1310	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			1180	26100	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			82.2	3650	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-B	USMPDI-005SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-05-06-210502	USMPDI-005SC-B-00-02-210502	USMPDI-005SC-B-02-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			383	6900	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	141	989	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			792	23100	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			1550	34400	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				560 JT	11900 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	650 JT	15000 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				5500 JT	120000 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				1400 JT	36600 T	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		6900 JT	160000 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-B	USMPDI-005SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-05-06-210502	USMPDI-005SC-B-00-02-210502	USMPDI-005SC-B-02-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-B	USMPDI-005SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-05-06-210502	USMPDI-005SC-B-00-02-210502	USMPDI-005SC-B-02-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.14 U	15.4 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			3.14 U	15.4 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.14 U	15.4 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			3.14 U	15.4 U	--
4,4'-DDE (p,p'-DDE)	SW8081B			3.14 U	15.4 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			3.14 U	15.4 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-B	USMPDI-005SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-05-06-210502	USMPDI-005SC-B-00-02-210502	USMPDI-005SC-B-02-05-210502
				5/2/2021	5/2/2021	5/2/2021
				5 - 6 ft	0 - 2 ft	2 - 5 ft
				N	N	N
				7621972.761	7621972.761	7621972.761
				707146.5597	707146.5597	707146.5597
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.14 UT	15.4 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				3.14 UT	15.4 UT	--
PH-ROD Sum DDD (U = 1/2 max limit)				3.14 UT	15.4 UT	--
PH-ROD Sum DDE (U = 1/2 max limit)				3.14 UT	15.4 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				3.14 UT	15.4 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	3.14 UT	15.4 UT	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	77 U	83 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	77 U	83 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000387 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.0000899 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000115 U	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000118 U	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000122 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000871 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.00661	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000954 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000697 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00198 J	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00218	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000135 U	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000895 J	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0000748 J	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000544 J	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000451 J	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000598 J	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000397 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000330 U	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000375 U	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0000411 U	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00205 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000312	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-A	USMPDI-005SC-B	USMPDI-005SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-A-05-06-210502	USMPDI-005SC-B-00-02-210502	USMPDI-005SC-B-02-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000321	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000375 U	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000266 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000181 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000164 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.00823 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.11 U	6.09 U	--
Aroclor 1221	SW8082A			6.11 U	6.09 U	--
Aroclor 1232	SW8082A			6.11 U	6.09 U	--
Aroclor 1242	SW8082A			6.11 U	6.09 U	--
Aroclor 1248	SW8082A			6.11 U	6.09 U	--
Aroclor 1254	SW8082A			6.11 U	5.52 J	--
Aroclor 1260	SW8082A			6.11 U	10.9	--
Aroclor 1262	SW8082A			6.11 U	6.09 U	--
Aroclor 1268	SW8082A			6.11 U	6.09 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	6.11 UT	37.7 JT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	8.47 J	3.29 UJ

Table 4-3a
Data Summary: Subsurface Sediment

				Location ID	USMPDI-005SC-B	USMPDI-007SC-A	USMPDI-007SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	Sample ID	USMPDI-005SC-B-05-6.6-210502	USMPDI-007SC-A-04-05-210428	USMPDI-007SC-A-05-06-210428
				Sample Date	5/2/2021	4/28/2021	4/28/2021
				Depth	5 - 6.6 ft	4 - 5 ft	5 - 6 ft
				Sample Type	N	N	N
				Easting	7621972.761	7622053.302	7622053.302
				Northing	707146.5597	707065.877	707065.877
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	--
Plastic limit	D4318				--	--	--
Plasticity index	D4318				--	--	--
Specific gravity	D854				--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				0.423	--	--
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	--
Total organic carbon	SM5310BM				--	1.9	2
Total Solids	SM2540G				62	56.8	59.6
Grain Size (pct)							
Gravel	D6913				--	--	--
Sand	D6913				--	--	--
Total fines (Reported, not calculated)	D6913				--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913				--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--
Percent passing 4750 micron sieve (#4)	D6913				--	--	--
Percent passing 2000 micron sieve (#10)	D6913				--	--	--
Percent passing 110 micron sieve (#140)	D6913				--	--	--
Percent passing 850 micron sieve (#20)	D6913				--	--	--
Percent passing 425 micron sieve (#40)	D6913				--	--	--
Percent passing 250 micron sieve (#60)	D6913				--	--	--
Percent passing 150 micron sieve (#100)	D6913				--	--	--
Percent passing 75 micron sieve (#200)	D6913				--	--	--
Metals (mg/kg)							
Arsenic	SW6020B				4.39	--	--
Cadmium	SW6020B				0.196	--	--
Chromium	SW6020B				27.8	--	--
Copper	SW6020B				39.2	--	--
Lead	SW6020B				20.3	--	--
Manganese	SW6020B				626	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-B	USMPDI-007SC-A	USMPDI-007SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-B-05-6.6-210502	USMPDI-007SC-A-04-05-210428	USMPDI-007SC-A-05-06-210428
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
	SW6020B	5/2/2021	5 - 6.6 ft	N	7621972.761	707146.5597
	SW6020B	4/28/2021	4 - 5 ft	N	7622053.302	707065.877
	SW6020B	4/28/2021	5 - 6 ft	N	7622053.302	707065.877
Vanadium	SW6020B			88.7	--	--
Zinc	SW6020B			92.2	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			52.0 U	--	--
1,2-Dichloroethene, cis-	SW8260D			52.0 U	--	--
Benzene	SW8260D			20.8 U	--	--
Chlorobenzene	SW8260D		320	52.0 U	--	--
Ethylbenzene	SW8260D			52.0 U	--	--
m,p-Xylene	SW8260D			104 U	--	--
o-Xylene	SW8260D			52.0 U	--	--
Tetrachloroethene (PCE)	SW8260D			52.0 U	--	--
Toluene	SW8260D			104 U	--	--
Trichloroethene (TCE)	SW8260D			52.0 U	--	--
Vinyl chloride	SW8260D			52.0 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				104 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				104 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	106	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	13.5 J	--
Pentachlorophenol	SW8270E			758 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	19.7 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	158	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID			USMPDI-005SC-B	USMPDI-007SC-A	USMPDI-007SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-B-05-6.6-210502	USMPDI-007SC-A-04-05-210428	USMPDI-007SC-A-05-06-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	44	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	14.2 J	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	33.1	162 UJ
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	1310	12500 U
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	28.3	177 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	124	8340
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	927 J	7720
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	807	4630
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	599	3610
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID Sample ID Sample Date Depth Sample Type Easting Northing	USMPDI-005SC-B		USMPDI-007SC-A		USMPDI-007SC-A	
		USMPDI-005SC-B-05-6.6-210502	USMPDI-007SC-A-04-05-210428	USMPDI-007SC-A-05-06-210428	USMPDI-007SC-A-05-06-210428	USMPDI-007SC-A-05-06-210428	USMPDI-007SC-A-05-06-210428
		5/2/2021	4/28/2021	4/28/2021	4/28/2021	4/28/2021	4/28/2021
		5 - 6.6 ft	4 - 5 ft	4 - 5 ft	5 - 6 ft	5 - 6 ft	5 - 6 ft
		N	N	N	N	N	N
		7621972.761	7622053.302	7622053.302	7622053.302	7622053.302	7622053.302
		707146.5597	707065.877	707065.877	707065.877	707065.877	707065.877
	Analytical Method	Site-Wide RAL	PTW Threshold				
Benzo(e)pyrene	SW8270ESIM			--	544	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	716	3380 J	3380 J
Benzo(j)fluoranthene	SW8270ESIM			--	308	1490 J	1490 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	324	2260 J	2260 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--	--
Benzo(b)thiophene	SW8270DMSIM			--	--	--	--
Benzo(b)thiophene	SW8270ESIM			--	4.3 J	--	--
Carbazole	SW8270DMSIM			--	--	--	--
Carbazole	SW8270ESIM			--	36.5	--	--
Chrysene	SW8270DMSIM			--	--	--	--
Chrysene	SW8270E			--	--	--	--
Chrysene	SW8270ESIM			--	1170	7700	7700
Decalin, cis-	SW8270ESIM			--	25 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--	--
Decalin, trans-	SW8270ESIM			--	10.8 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	97.4 J	813 J	813 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--	--
Dibenzofuran	SW8270ESIM			--	47.8	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--	--
Dibenzothiophene	SW8270ESIM			--	116	--	--
Fluoranthene	SW8270DMSIM			--	--	--	--
Fluoranthene	SW8270E			--	--	--	--
Fluoranthene	SW8270ESIM			--	2450	35800	35800
Fluorene	SW8270DMSIM			--	--	--	--
Fluorene	SW8270E			--	--	--	--
Fluorene	SW8270ESIM			--	604	13800	13800
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Analytical Method	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-005SC-B	USMPDI-007SC-A	USMPDI-007SC-A
				Sample ID	USMPDI-005SC-B-05-6.6-210502	USMPDI-007SC-A-04-05-210428	USMPDI-007SC-A-05-06-210428
				Sample Date	5/2/2021	4/28/2021	4/28/2021
				Depth	5 - 6.6 ft	4 - 5 ft	5 - 6 ft
				Sample Type	N	N	N
				Easting	7621972.761	7622053.302	7622053.302
				Northing	707146.5597	707065.877	707065.877
Indeno(1,2,3-c,d)pyrene	SW8270E				--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				--	447 J	2640 J
Naphthalene	SW8270DMSIM		140000		--	--	--
Naphthalene	SW8270E		140000		--	--	--
Naphthalene	SW8270ESIM		140000		--	63.9 J	276 U
Perylene	SW8270DMSIM				--	--	--
Perylene	SW8270ESIM				--	357	--
Phenanthrene	SW8270DMSIM				--	--	--
Phenanthrene	SW8270E				--	--	--
Phenanthrene	SW8270ESIM				--	1690	51100 J
Pyrene	SW8270DMSIM				--	--	--
Pyrene	SW8270E				--	--	--
Pyrene	SW8270ESIM				--	2270	30300
Retene	SW8270DMSIM				--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					--	1230 T	7360 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000		--	1110 JT	6900 JT
PH-ROD Total HPAH (U = 1/2 max limit)					--	10100 JT	100000 JT
PH-ROD Total LPAH (U = 1/2 max limit)					--	3850 JT	79900 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000			--	14000 JT	180000 JT
3-Methylphenanthrene	SW8270DMSIM				--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM				--	659	--
C1-Benzo(b)thiophene	SW8270DMSIM				--	--	--
C1-Benzo(b)thiophene	SW8270ESIM				--	7.2 J	--
C1-Chrysenes	SW8270DMSIM				--	--	--
C1-Decalins	SW8270DMSIM				--	--	--
C1-Decalins	SW8270ESIM				--	39	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM				--	61.8	--
C1-Dibenzothiophenes	SW8270DMSIM				--	--	--
C1-Dibenzothiophenes	SW8270ESIM				--	106	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM				--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM				--	886	--
C1-Fluorenes	SW8270DMSIM				--	--	--
C1-Fluorenes	SW8270ESIM				--	144	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-B	USMPDI-007SC-A	USMPDI-007SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-B-05-6.6-210502	USMPDI-007SC-A-04-05-210428	USMPDI-007SC-A-05-06-210428
				Sample ID	Sample Date	Sample Date
				Sample Date	Depth	Depth
				Depth	Sample Type	Sample Type
				Sample Type	Easting	Easting
				Easting	Northing	Northing
				Northing		
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	30.2	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	76.7	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	624	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	304	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	16.9 J	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	111	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	12.8 J	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	146	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	292	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	135	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	122	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	47.7	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	429	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	148	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	19.5 J	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	125	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	8.1 J	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-B	USMPDI-007SC-A	USMPDI-007SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-B-05-6.6-210502	USMPDI-007SC-A-04-05-210428	USMPDI-007SC-A-05-06-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	115	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	176	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	152	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	141	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	38.2	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	266	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	56.8	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	14.7 J	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	25 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	47.1	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	101	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	15.8 J	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	69.2	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	3.31 U	8.41 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			--	3.31 U	8.73 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			--	3.31 U	3.88 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			--	9.02 J	18.8 J
4,4'-DDE (p,p'-DDE)	SW8081B			--	6.14	10.3 J
4,4'-DDT (p,p'-DDT)	SW8081B			--	3.31 U	5.17 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-B	USMPDI-007SC-A	USMPDI-007SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-B-05-6.6-210502	USMPDI-007SC-A-04-05-210428	USMPDI-007SC-A-05-06-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	3.31 UT	8.73 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	16.8 JT	31.7 JT
PH-ROD Sum DDD (U = 1/2 max limit)				--	10.7 JT	23.0 JT
PH-ROD Sum DDE (U = 1/2 max limit)				--	7.80 T	14.7 JT
PH-ROD Sum DDT (U = 1/2 max limit)				--	3.31 UT	5.17 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	21.8 JT	42.2 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			80 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			80 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000789 J	0.000779 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.0025	0.00249
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00397	0.00683
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0284	0.0496
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00958 J	0.015
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.551	2.05
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	5.24	15.1
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00863 J	0.0183 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.0219 J	0.0479 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.202 J	1.07
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	1.4	11.8
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0247	0.0254
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0292	0.0319
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0175	0.0229
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0715	0.0626
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0153	0.0176
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00118 J	0.00185 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00682	0.00953
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0722	0.118
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0137	0.0117
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.132	0.154
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0849 J	0.0982 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.105 J	0.16 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-005SC-B	USMPDI-007SC-A	USMPDI-007SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-005SC-B-05-6.6-210502	USMPDI-007SC-A-04-05-210428	USMPDI-007SC-A-05-06-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.188 J	0.306
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.196	0.347
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0613 JT	0.0711 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0285 JT	0.0357 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0335 JT	0.0563 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	6.22 JT	17.7 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	6.62 U	6.67 U
Aroclor 1221	SW8082A			--	6.62 U	6.67 U
Aroclor 1232	SW8082A			--	6.62 U	6.67 U
Aroclor 1242	SW8082A			--	7.24 J	11.5 J
Aroclor 1248	SW8082A			--	6.62 U	6.67 U
Aroclor 1254	SW8082A			--	14.1 J	26.2 J
Aroclor 1260	SW8082A			--	12.6 J	21.0 J
Aroclor 1262	SW8082A			--	6.62 U	6.67 U
Aroclor 1268	SW8082A			--	6.62 U	6.67 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	53.8 JT	78.7 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	190	--
Motor oil range hydrocarbons	NWTPHDx			--	317	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.19 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-007SC-A	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-06-07-210428	USMPDI-007SC-A-07-8.2-210428	USMPDI-007SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	1.17 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.9	1.4	2.2
Total Solids	SM2540G			62.5	64.2	47.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	4.51
Cadmium	SW6020B			--	--	0.212
Chromium	SW6020B			--	--	29.8
Copper	SW6020B			--	--	43.1
Lead	SW6020B			--	--	11.7
Manganese	SW6020B			--	--	598

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-007SC-A	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-06-07-210428	USMPDI-007SC-A-07-8.2-210428	USMPDI-007SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	87.8
Zinc	SW6020B			--	--	98.5
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	80.2 U
1,2-Dichloroethene, cis-	SW8260D			--	--	80.2 U
Benzene	SW8260D			--	--	32.1 U
Chlorobenzene	SW8260D		320	--	--	80.2 U
Ethylbenzene	SW8260D			--	--	80.2 U
m,p-Xylene	SW8260D			--	--	160 U
o-Xylene	SW8260D			--	--	80.2 U
Tetrachloroethene (PCE)	SW8260D			--	--	80.2 U
Toluene	SW8260D			--	--	160 U
Trichloroethene (TCE)	SW8260D			--	--	80.2 U
Vinyl chloride	SW8260D			--	--	80.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	160 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	160 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	263 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-007SC-A	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-06-07-210428	USMPDI-007SC-A-07-8.2-210428	USMPDI-007SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			60.5 UJ	50.3 UJ	10.2 UJ
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			752 U	179	30.2 U
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			112 J	63.3 J	10.3 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			381	201	54
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1600	744	158
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			2410	1090	243
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1440	617	162
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-007SC-A	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-06-07-210428	USMPDI-007SC-A-07-8.2-210428	USMPDI-007SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			2650 J	1160 J	274 J
Benzo(j)fluoranthene	SW8270ESIM			537 J	254	60.9
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			814 J	268 J	93.2 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1810	829	175
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			290 J	147 J	44.6 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			5770	2040	300
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			398	102	23.7 U
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-007SC-A	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-06-07-210428	USMPDI-007SC-A-07-8.2-210428	USMPDI-007SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1770 J	769 J	196
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	234 U	101 U	23.1 U
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			3730 U	1390 U	158 U
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			7130	2610	344
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2790 JT	1140 JT	316 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3200 JT	1450 JT	340 JT
PH-ROD Total HPAH (U = 1/2 max limit)				26000 JT	10500 JT	2100 JT
PH-ROD Total LPAH (U = 1/2 max limit)				3280 JT	1320 JT	190 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		30000 JT	11800 JT	2200 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-007SC-A	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-06-07-210428	USMPDI-007SC-A-07-8.2-210428	USMPDI-007SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-007SC-A	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-06-07-210428	USMPDI-007SC-A-07-8.2-210428	USMPDI-007SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			5.11 J	3.09 U	4.22 U
2,4'-DDE (o,p'-DDE)	SW8081B			6.39 U	3.09 U	4.22 U
2,4'-DDT (o,p'-DDT)	SW8081B			6.39 U	3.09 UJ	4.22 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			11.3 J	2.45 J	2.15 J
4,4'-DDE (p,p'-DDE)	SW8081B			6.39 U	3.09 U	4.22 U
4,4'-DDT (p,p'-DDT)	SW8081B			6.39 U	25.1	4.22 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-007SC-A	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-06-07-210428	USMPDI-007SC-A-07-8.2-210428	USMPDI-007SC-B-00-02-210428
				4/28/2021	4/28/2021	4/28/2021
				6 - 7 ft	7 - 8.2 ft	0 - 2 ft
				N	N	N
				7622053.302	7622053.302	7622053.302
				707065.877	707065.877	707065.877
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				11.5 JT	3.09 UJT	4.22 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				17.7 JT	29.1 JT	6.37 JT
PH-ROD Sum DDD (U = 1/2 max limit)				16.4 JT	4.00 JT	4.26 JT
PH-ROD Sum DDE (U = 1/2 max limit)				6.39 UT	3.09 UT	4.22 UT
PH-ROD Sum DDT (U = 1/2 max limit)				6.39 UT	26.6 JT	4.22 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	29.2 JT	33.7 JT	12.7 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	100 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	100 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000212 J	0.000159 J	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000653 J	0.000207 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00123 J	0.000464 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00535	0.000460 U	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00236 J	0.000443 U	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.139	0.0128	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			1.69	0.147	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00246 J	0.00107 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00425 J	0.00175 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0628 J	0.00646	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.36	0.0356	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0221	0.00284	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0926	0.00265	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0314	0.00196 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.157	0.00361	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0418	0.00145 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00555	0.000234 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.01	0.000760 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.079	0.00551	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0159	0.000756 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0546	0.00563	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0573	0.0178 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.192 J	0.0158 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-A	USMPDI-007SC-A	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-A-06-07-210428	USMPDI-007SC-A-07-8.2-210428	USMPDI-007SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.273	0.0123 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.152	0.0127 J	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0867 JT	0.00615 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0457 JT	0.00243 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0405 JT	0.00222 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				2.35 JT	0.186 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.31 U	5.92 U	8.16 U
Aroclor 1221	SW8082A			6.31 U	5.92 U	8.16 U
Aroclor 1232	SW8082A			6.31 U	5.92 U	8.16 U
Aroclor 1242	SW8082A			5.42 J	5.92 U	8.16 U
Aroclor 1248	SW8082A			6.31 U	5.92 U	8.16 U
Aroclor 1254	SW8082A			9.03 J	5.92 U	4.43 J
Aroclor 1260	SW8082A			5.60 J	5.92 U	8.16 U
Aroclor 1262	SW8082A			6.31 U	5.92 U	8.16 U
Aroclor 1268	SW8082A			6.31 U	5.92 U	8.16 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	39.0 JT	5.92 UT	37.1 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	4.13 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-B-02-04-210428	USMPDI-007SC-B-04-06-210428	USMPDI-007SC-B-06-8.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	56	--
Plastic limit	D4318			--	36	--
Plasticity index	D4318			--	20	--
Specific gravity	D854			--	2.62	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			3.54 J	8.01 J	2.93 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	68.7	--
Total organic carbon	SM5310BM			2.2	--	--
Total Solids	SM2540G			54.9	58.6	63.3
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	15	--
Total fines (Reported, not calculated)	D6913			--	85	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	97	--
Percent passing 110 micron sieve (#140)	D6913			--	91	--
Percent passing 850 micron sieve (#20)	D6913			--	97	--
Percent passing 425 micron sieve (#40)	D6913			--	96	--
Percent passing 250 micron sieve (#60)	D6913			--	95	--
Percent passing 150 micron sieve (#100)	D6913			--	94	--
Percent passing 75 micron sieve (#200)	D6913			--	85	--
Metals (mg/kg)						
Arsenic	SW6020B			5.1	5.28	4.74
Cadmium	SW6020B			0.237	0.307	0.223
Chromium	SW6020B			31.2	30.2	27.5
Copper	SW6020B			79.5	46.5	39.2
Lead	SW6020B			21.6	29.1	25.6
Manganese	SW6020B			665	734	663

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-B-02-04-210428	USMPDI-007SC-B-04-06-210428	USMPDI-007SC-B-06-8.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			90.8	90.4	87.4
Zinc	SW6020B			140	117	104
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			62.0 U	55.9 U	48.0 U
1,2-Dichloroethene, cis-	SW8260D			62.0 U	55.9 U	48.0 U
Benzene	SW8260D			24.8 U	22.4 U	19.2 U
Chlorobenzene	SW8260D		320	62.0 U	55.9 U	48.0 U
Ethylbenzene	SW8260D			62.0 U	55.9 U	48.0 U
m,p-Xylene	SW8260D			124 U	112 U	96.0 U
o-Xylene	SW8260D			62.0 U	55.9 U	48.0 U
Tetrachloroethene (PCE)	SW8260D			62.0 U	55.9 U	48.0 U
Toluene	SW8260D			124 U	112 U	64.3 J
Trichloroethene (TCE)	SW8260D			62.0 U	55.9 U	48.0 U
Vinyl chloride	SW8260D			62.0 U	55.9 U	48.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				124 UT	112 UT	170 JT
PH-ROD Total Xylene (U = 1/2 max limit)				124 UT	112 UT	96.0 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			90.7	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			12.8 J	--	--
Pentachlorophenol	SW8270E			435 U	416 U	378 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			18.1 J	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			99.1	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-B-02-04-210428	USMPDI-007SC-B-04-06-210428	USMPDI-007SC-B-06-8.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			21.2 J	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			15 J	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			28.5	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			181	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			34.3	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			126	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			815 J	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			860	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			608	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-B-02-04-210428	USMPDI-007SC-B-04-06-210428	USMPDI-007SC-B-06-8.2-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			581	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			771	--	--
Benzo(j)fluoranthene	SW8270ESIM			350	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			336	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			4.5 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			43	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1010	--	--
Decalin, cis-	SW8270ESIM			25 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			3.5 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			79.7 J	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			26.5	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			76.2	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			1540	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			114	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-B-02-04-210428	USMPDI-007SC-B-04-06-210428	USMPDI-007SC-B-06-8.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			494 J	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	62.3 J	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			372	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			826	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			1710	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1300 T	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1100 JT	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				8600 JT	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				1370 JT	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		9900 JT	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			536	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			25 U	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			17.5 J	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			64.2	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			79.2	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			573	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			66.4	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-B-02-04-210428	USMPDI-007SC-B-04-06-210428	USMPDI-007SC-B-06-8.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			28.1	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			65.3	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			362	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			252	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			25 U	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			51.3	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			11.7 J	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			105	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			226	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			77.1	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			60.3	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			36.1	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			276	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			98.7	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			2.9 J	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			60.3	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			6.8 J	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-B-02-04-210428	USMPDI-007SC-B-04-06-210428	USMPDI-007SC-B-06-8.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			81.3	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			127	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			79.7	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			76.7	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			30.2	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			162	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			37.4	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			6.7 J	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25 U	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			49.7	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			48.5	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			25 U	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			50.7	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			7.26 U	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			7.26 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			7.26 UJ	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			8.86 J	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			3.96 J	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			7.26 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-B-02-04-210428	USMPDI-007SC-B-04-06-210428	USMPDI-007SC-B-06-8.2-210428
				USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				7.26 UJT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				16.5 JT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				12.5 JT	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				7.59 JT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				7.26 UJT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	27.3 JT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			90 U	83 U	80 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			90 U	83 U	80 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-007SC-B-02-04-210428	USMPDI-007SC-B-04-06-210428	USMPDI-007SC-B-06-8.2-210428
				USMPDI-007SC-B	USMPDI-007SC-B	USMPDI-007SC-B
				USMPDI-007SC-B-02-04-210428	USMPDI-007SC-B-04-06-210428	USMPDI-007SC-B-06-8.2-210428
				4/28/2021	4/28/2021	4/28/2021
				2 - 4 ft	4 - 6 ft	6 - 8.2 ft
				N	N	N
				7622053.302	7622053.302	7622053.302
				707065.877	707065.877	707065.877
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.92 U	--	--
Aroclor 1221	SW8082A			6.92 U	--	--
Aroclor 1232	SW8082A			6.92 U	--	--
Aroclor 1242	SW8082A			3.76 J	--	--
Aroclor 1248	SW8082A			6.92 U	--	--
Aroclor 1254	SW8082A			12.8 J	--	--
Aroclor 1260	SW8082A			5.82 J	--	--
Aroclor 1262	SW8082A			6.92 U	--	--
Aroclor 1268	SW8082A			6.92 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	43.1 JT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			105	--	--
Motor oil range hydrocarbons	NWTPHDx			283	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.65 UJ	3.4 UJ	3.22 UJ

Table 4-3a
Data Summary: Subsurface Sediment

				Location ID	USMPDI-008SC-A	USMPDI-008SC-A	USMPDI-008SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	Sample ID	USMPDI-008SC-A-01-02-210502	USMPDI-008SC-A-02-03-210502	USMPDI-008SC-A-03-3.8-210502
				Sample Date	5/2/2021	5/2/2021	5/2/2021
				Depth	1 - 2 ft	2 - 3 ft	3 - 3.8 ft
				Sample Type	N	N	N
				Easting	7622014.309	7622014.309	7622014.309
				Northing	707029.8898	707029.8898	707029.8898
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	--
Plastic limit	D4318				--	--	--
Plasticity index	D4318				--	--	--
Specific gravity	D854				--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				--	--	--
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	--
Total organic carbon	SM5310BM				2.0 T	2	1.4
Total Solids	SM2540G				54.1 T	53.5	62.3
Grain Size (pct)							
Gravel	D6913				--	--	--
Sand	D6913				--	--	--
Total fines (Reported, not calculated)	D6913				--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913				--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--
Percent passing 4750 micron sieve (#4)	D6913				--	--	--
Percent passing 2000 micron sieve (#10)	D6913				--	--	--
Percent passing 110 micron sieve (#140)	D6913				--	--	--
Percent passing 850 micron sieve (#20)	D6913				--	--	--
Percent passing 425 micron sieve (#40)	D6913				--	--	--
Percent passing 250 micron sieve (#60)	D6913				--	--	--
Percent passing 150 micron sieve (#100)	D6913				--	--	--
Percent passing 75 micron sieve (#200)	D6913				--	--	--
Metals (mg/kg)							
Arsenic	SW6020B				--	--	--
Cadmium	SW6020B				--	--	--
Chromium	SW6020B				--	--	--
Copper	SW6020B				--	--	--
Lead	SW6020B				--	--	--
Manganese	SW6020B				--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-A	USMPDI-008SC-A	USMPDI-008SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-A-01-02-210502	USMPDI-008SC-A-02-03-210502	USMPDI-008SC-A-03-3.8-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			55.5 T	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			7.3 JT	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			7.5 JT	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			47.4 T	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-A	USMPDI-008SC-A	USMPDI-008SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-A-01-02-210502	USMPDI-008SC-A-02-03-210502	USMPDI-008SC-A-03-3.8-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			8.6 JT	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			6.1 JT	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			14.4 JT	38.7 J	93.9 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			98.2 T	393	477
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			15.3 JT	40.8 J	85.7 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			46.8 T	134	232
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			344 T	815	1110
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			336 T	831	1550
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			280 T	977	995
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-A	USMPDI-008SC-A	USMPDI-008SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-A-01-02-210502	USMPDI-008SC-A-02-03-210502	USMPDI-008SC-A-03-3.8-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			244 T	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			270 T	913 J	1570 J
Benzo(j)fluoranthene	SW8270ESIM			156 T	350	409
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			144 T	589 J	524 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			2.4 JT	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			16.8 JT	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			437 T	1260	1290
Decalin, cis-	SW8270ESIM			24.9 UJT	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			24.9 UJT	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			41.4 T	143	175
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			15.9 JT	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			34.9 JT	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			987 JT	2300	3140
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			42.6 T	230	188
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-A	USMPDI-008SC-A	USMPDI-008SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-A-01-02-210502	USMPDI-008SC-A-02-03-210502	USMPDI-008SC-A-03-3.8-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			191 T	694	977
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	29.7 UJT	88.4 J	276
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			305 T	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			446 T	1580	1960
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			896 JT	2150	3870
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				580 T	1900 JT	1930 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	460 T	1230 JT	2040 JT
PH-ROD Total HPAH (U = 1/2 max limit)				4100 JT	11000 JT	15600 JT
PH-ROD Total LPAH (U = 1/2 max limit)				678 JT	2500 JT	3310 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		4800 JT	14000 JT	18900 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			209 T	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			2.9 JT	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			9.55 JT	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			30.6 JT	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			37.9 T	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			300 T	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			37.5 T	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-A	USMPDI-008SC-A	USMPDI-008SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-A-01-02-210502	USMPDI-008SC-A-02-03-210502	USMPDI-008SC-A-03-3.8-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			5/2/2021	5/2/2021	5/2/2021
C1-Naphthalenes	SW8270ESIM			1 - 2 ft	2 - 3 ft	3 - 3.8 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622014.309	7622014.309	7622014.309
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			707029.8898	707029.8898	707029.8898
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			13.7 JT	--	--
C2-Benzo(b)thiophene	SW8270ESIM			33.4 T	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			181 T	--	--
C2-Decalins	SW8270ESIM			82.7 T	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			24.9 UT	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			47.4 T	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			110 T	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			39.7 T	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			21.8 JT	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			21.0 JT	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			130 T	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			33.7 T	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			24.9 UT	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			23.0 JT	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			24.9 UT	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-A	USMPDI-008SC-A	USMPDI-008SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-A-01-02-210502	USMPDI-008SC-A-02-03-210502	USMPDI-008SC-A-03-3.8-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			43.8 T	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			55.4 T	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			45.5 T	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			28.8 JT	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			16.7 JT	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			85.8 T	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			12.9 JT	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			24.9 UT	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			24.9 UT	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			25.8 JT	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			16.3 JT	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			24.9 UT	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			23.3 JT	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.64 UT	3.71 UJ	6.26 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.64 UT	3.71 UJ	6.26 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.64 UT	3.71 UJ	6.26 U
4,4'-DDD (p,p'-DDD)	SW8081B			5.19 T	9.79 J	14
4,4'-DDE (p,p'-DDE)	SW8081B			2.36 JT	6.46 J	4.60 J
4,4'-DDT (p,p'-DDT)	SW8081B			3.64 UT	41.3 J	6.26 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-A	USMPDI-008SC-A	USMPDI-008SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-A-01-02-210502	USMPDI-008SC-A-02-03-210502	USMPDI-008SC-A-03-3.8-210502
				USMPDI-008SC-A-01-02-210502	USMPDI-008SC-A-02-03-210502	USMPDI-008SC-A-03-3.8-210502
				5/2/2021	5/2/2021	5/2/2021
				1 - 2 ft	2 - 3 ft	3 - 3.8 ft
				N	N	N
				7622014.309	7622014.309	7622014.309
				707029.8898	707029.8898	707029.8898
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.64 UT	3.71 UJT	6.26 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				9.36 JT	57.6 JT	21.7 JT
PH-ROD Sum DDD (U = 1/2 max limit)				7.01 T	11.6 JT	17.1 T
PH-ROD Sum DDE (U = 1/2 max limit)				4.18 JT	8.32 JT	7.73 JT
PH-ROD Sum DDT (U = 1/2 max limit)				3.64 UT	43.2 JT	6.26 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	14.8 JT	63.1 JT	31.1 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000232 JT	0.000562 J	0.000452 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000418 JT	0.00153 J	0.00113 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000693 JT	0.00218 J	0.00139 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00298 T	0.0165	0.00961
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00144 JT	0.0054	0.00339
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0699 T	0.359	0.244
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.67 T	3	2.36
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00425 JT	0.00773 J	0.0201 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00542 JT	0.0168 J	0.0183 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0281 JT	0.156	0.0958
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.157 T	0.831	0.626
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00284 T	0.0119	0.00821
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00416 T	0.0227	0.0235
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00263 JT	0.0101	0.0102
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00742 T	0.0269	0.0407
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00212 JT	0.00698	0.00995
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000547 JT	0.00150 J	0.00120 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000982 JT	0.00331	0.00357
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0101 T	0.0257	0.034
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00159 JT	0.00397	0.00509
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0282 T	0.0516	0.0741
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0145 JT	0.0460 J	0.0413 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0193 JT	0.0799 J	0.0796 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-A	USMPDI-008SC-A	USMPDI-008SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-A-01-02-210502	USMPDI-008SC-A-02-03-210502	USMPDI-008SC-A-03-3.8-210502
				USMPDI-008SC-A	USMPDI-008SC-A	USMPDI-008SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0287 JT	0.107 J	0.116
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0319 T	0.0848	0.0969
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0081 JT	0.032 JT	0.0293 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0041 JT	0.015 JT	0.0155 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0045 JT	0.018 JT	0.0167 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.80 JT	3.5 JT	2.83 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.13 UT	7.20 U	6.23 U
Aroclor 1221	SW8082A			7.13 UT	7.20 U	6.23 U
Aroclor 1232	SW8082A			7.13 UT	7.20 U	6.23 U
Aroclor 1242	SW8082A			7.13 UT	8.33 J	7.50 J
Aroclor 1248	SW8082A			7.13 UT	7.20 U	6.23 U
Aroclor 1254	SW8082A			6.81 JT	15.6 J	13.0 J
Aroclor 1260	SW8082A			6.06 JT	10.8 J	8.54 J
Aroclor 1262	SW8082A			7.13 UT	7.20 U	6.23 U
Aroclor 1268	SW8082A			7.13 UT	7.20 U	6.23 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	37.8 JT	56.3 JT	47.7 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			18.8 T	--	--
Motor oil range hydrocarbons	NWTPHDx			69.1 T	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-B	USMPDI-008SC-B	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-B-00-02-210502	USMPDI-008SC-B-02-3.8-210502	USMPDI-010SC-A-01-02-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	52	--
Plastic limit	D4318			--	36	--
Plasticity index	D4318			--	16	--
Specific gravity	D854			--	2.7	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.851	3.89	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	62.9	--
Total organic carbon	SM5310BM			--	--	2.2
Total Solids	SM2540G			48.5	55.9	49.5
Grain Size (pct)						
Gravel	D6913			--	0.4	--
Sand	D6913			--	23.4	--
Total fines (Reported, not calculated)	D6913			--	76.2	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	100	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	99	--
Percent passing 110 micron sieve (#140)	D6913			--	86	--
Percent passing 850 micron sieve (#20)	D6913			--	99	--
Percent passing 425 micron sieve (#40)	D6913			--	98	--
Percent passing 250 micron sieve (#60)	D6913			--	97	--
Percent passing 150 micron sieve (#100)	D6913			--	92	--
Percent passing 75 micron sieve (#200)	D6913			--	76	--
Metals (mg/kg)						
Arsenic	SW6020B			4.01	4.74	--
Cadmium	SW6020B			0.212	0.232	--
Chromium	SW6020B			27.5	25.9	--
Copper	SW6020B			39.7	41.5	--
Lead	SW6020B			11.9	36.6	--
Manganese	SW6020B			460	587	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-B	USMPDI-008SC-B	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-B-00-02-210502	USMPDI-008SC-B-02-3.8-210502	USMPDI-010SC-A-01-02-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			82.5	81	--
Zinc	SW6020B			97.8	117	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			96.3 U	58.2 U	--
1,2-Dichloroethene, cis-	SW8260D			96.3 U	58.2 U	--
Benzene	SW8260D			38.5 U	23.3 U	--
Chlorobenzene	SW8260D		320	96.3 U	58.2 U	--
Ethylbenzene	SW8260D			96.3 U	58.2 U	--
m,p-Xylene	SW8260D			193 U	116 U	--
o-Xylene	SW8260D			96.3 U	58.2 U	--
Tetrachloroethene (PCE)	SW8260D			96.3 U	58.2 U	--
Toluene	SW8260D			193 U	116 U	--
Trichloroethene (TCE)	SW8260D			96.3 U	58.2 U	--
Vinyl chloride	SW8260D			96.3 U	58.2 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				193 UT	116 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				193 UT	116 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	126	25.3
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	22.1 J	2.9 J
Pentachlorophenol	SW8270E			487 U	825 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	23.3 J	4.1 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	167	20.1 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-B	USMPDI-008SC-B	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-B-00-02-210502	USMPDI-008SC-B-02-3.8-210502	USMPDI-010SC-A-01-02-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			5/2/2021	5/2/2021	5/2/2021
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			0 - 2 ft	2 - 3.8 ft	1 - 2 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622014.309	7622014.309	7622155.183
2-Methylanthracene	SW8270DMSIM			707029.8898	707029.8898	706877.602
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	40.8	3.7 J
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	16.9 J	2.8 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	44.1 J	6.9 J
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	321	19.9 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	33.4	6.1 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	124	26.1
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	937	124
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	811	135
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	644	106
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-B	USMPDI-008SC-B	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-B-00-02-210502	USMPDI-008SC-B-02-3.8-210502	USMPDI-010SC-A-01-02-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	573	103
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	677	119
Benzo(j)fluoranthene	SW8270ESIM			--	365	68.3
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	330	62.3
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	6.6 J	24.9 UJ
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	33.4	6.9 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	1160	185
Decalin, cis-	SW8270ESIM			--	25.0 UJ	24.9 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	25.0 UJ	24.9 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	78.6	12.0 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	55.1	6.4 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	111 J	16.0 J
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	2570 J	324 J
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	191	19.1 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-B	USMPDI-008SC-B	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-B-00-02-210502	USMPDI-008SC-B-02-3.8-210502	USMPDI-010SC-A-01-02-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				5/2/2021	5/2/2021	5/2/2021
				0 - 2 ft	2 - 3.8 ft	1 - 2 ft
				N	N	N
				7622014.309	7622014.309	7622155.183
				707029.8898	707029.8898	706877.602
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	422	76.9
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	95.8 J	24.9 UJ
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	438	201
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	2230	117
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	2610 J	342 J
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	1300 T	237 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	1100 T	178 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	11000 JT	1550 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	3040 JT	210 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	14000 JT	1800 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	527	98.6
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	6.4 J	24.9 U
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	43.1	24.9 U
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	55	8.7 J
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	138	14.9 J
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	834	120
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	156	11.9 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-B	USMPDI-008SC-B	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-B-00-02-210502	USMPDI-008SC-B-02-3.8-210502	USMPDI-010SC-A-01-02-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				5/2/2021	5/2/2021	5/2/2021
				0 - 2 ft	2 - 3.8 ft	1 - 2 ft
				N	N	N
				7622014.309	7622014.309	7622155.183
				707029.8898	707029.8898	706877.602
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	40.9	7.0 J
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	90.8	20.1 J
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	676	62.3
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	233	30.4
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	14.7 J	24.9 U
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	108	10.5 J
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	25.0 U	24.9 U
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	181	22.0 J
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	322	57.4
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	159	11.3 J
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	63.2	12.0 J
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	67.1	13.4 J
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	510	59.7
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	113	19.8 J
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	23.9 J	24.9 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	123	12.1 J
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	25.0 U	24.9 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-B	USMPDI-008SC-B	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-B-00-02-210502	USMPDI-008SC-B-02-3.8-210502	USMPDI-010SC-A-01-02-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	177	19.9 J
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	204	19.9 J
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	183	18.0 J
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	108	13.3 J
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	49	24.9 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	327	47.8
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	41.1	6.1 J
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	12.7 J	24.9 U
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	25.0 U	14.8 J
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	72.1	14.8 J
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	134	6.5 J
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	16.8 J	24.9 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	135	9.9 J
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	3.95 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	3.95 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	3.95 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	3.00 J
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	3.95 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	3.95 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-B	USMPDI-008SC-B	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-B-00-02-210502	USMPDI-008SC-B-02-3.8-210502	USMPDI-010SC-A-01-02-210502
				5/2/2021	5/2/2021	5/2/2021
				0 - 2 ft	2 - 3.8 ft	1 - 2 ft
				N	N	N
				7622014.309	7622014.309	7622155.183
				707029.8898	707029.8898	706877.602
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	3.95 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	6.95 JT
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	4.98 JT
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	3.95 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	3.95 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	12.9 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			100 U	85 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			100 U	85 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000200 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000468 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000792 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00335
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00161 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.115
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	1.07
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00458 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00523 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0365 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.271
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.00271
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.00343
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.00186 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.00669
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00191 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000698 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000498 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0133
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00154 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.0402
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0125 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0157

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-008SC-B	USMPDI-008SC-B	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-008SC-B-00-02-210502	USMPDI-008SC-B-02-3.8-210502	USMPDI-010SC-A-01-02-210502
				USMPDI-008SC-B	USMPDI-008SC-B	USMPDI-010SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622014.309	7622014.309	7622155.183
				707029.8898	707029.8898	706877.602
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0293
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0417
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.00717 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.00370 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.00479 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	1.26 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	8.01 U
Aroclor 1221	SW8082A			--	--	8.01 U
Aroclor 1232	SW8082A			--	--	8.01 U
Aroclor 1242	SW8082A			--	--	8.01 U
Aroclor 1248	SW8082A			--	--	8.01 U
Aroclor 1254	SW8082A			--	--	7.76 J
Aroclor 1260	SW8082A			--	--	8.01 U
Aroclor 1262	SW8082A			--	--	8.01 U
Aroclor 1268	SW8082A			--	--	8.01 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	39.8 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	56.4	15.3
Motor oil range hydrocarbons	NWTPHDx			--	107	69.4
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.79 UJ	3.36 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-A-02-03-210502	USMPDI-010SC-A-03-04-210502	USMPDI-010SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2	1.7	2.2
Total Solids	SM2540G			51.8	52.9	56.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-A-02-03-210502	USMPDI-010SC-A-03-04-210502	USMPDI-010SC-A-04-05-210502
				USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-A-02-03-210502	USMPDI-010SC-A-03-04-210502	USMPDI-010SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			10.9	9.81 J	29.8
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			35.5	65.1	300
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			16.1	14.8	31.2
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			48.9	44.2	107
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			226	246	380
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			309	342	518
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			218	265	324
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-A-02-03-210502	USMPDI-010SC-A-03-04-210502	USMPDI-010SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			315 J	335 J	507 J
Benzo(j)fluoranthene	SW8270ESIM			90.5	103	131
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			124 J	162 J	201 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo thiophene	SW8270DMSIM			--	--	--
Benzo thiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			259	303	422
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			52.2	60.6	78.7
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			402	470	771
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			33.3	38.1	192
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-A-02-03-210502	USMPDI-010SC-A-03-04-210502	USMPDI-010SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			221	244	350
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	30.3	24.3	72.9
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			193	200	769
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			457	520	836
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				433 JT	530 JT	656 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	429 JT	480 JT	700 JT
PH-ROD Total HPAH (U = 1/2 max limit)				2670 JT	3100 JT	4500 JT
PH-ROD Total LPAH (U = 1/2 max limit)				368 T	400 JT	1500 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		3040 JT	3400 JT	6000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-A-02-03-210502	USMPDI-010SC-A-03-04-210502	USMPDI-010SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			5/2/2021	5/2/2021	5/2/2021
C1-Naphthalenes	SW8270ESIM			2 - 3 ft	3 - 4 ft	4 - 5 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622155.183	7622155.183	7622155.183
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706877.602	706877.602	706877.602
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-A-02-03-210502	USMPDI-010SC-A-03-04-210502	USMPDI-010SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.78 UJ	3.71 U	3.45 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			3.78 UJ	3.71 U	3.45 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			3.78 UJ	3.71 U	3.45 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			4.12 J	6.31	10.0 J
4,4'-DDE (p,p'-DDE)	SW8081B			2.02 J	2.84 J	3.31 J
4,4'-DDT (p,p'-DDT)	SW8081B			3.78 UJ	3.71 U	11.3 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-A-02-03-210502	USMPDI-010SC-A-03-04-210502	USMPDI-010SC-A-04-05-210502
				USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622155.183	7622155.183	7622155.183
				706877.602	706877.602	706877.602
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.78 UJT	3.71 UT	3.45 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				8.03 JT	11.0 JT	24.6 JT
PH-ROD Sum DDD (U = 1/2 max limit)				6.01 JT	8.16 T	11.7 JT
PH-ROD Sum DDE (U = 1/2 max limit)				3.91 JT	4.70 JT	5.04 JT
PH-ROD Sum DDT (U = 1/2 max limit)				3.78 UJT	3.71 UT	13.0 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	13.7 JT	16.6 JT	29.8 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000266 J	0.000118 J	0.000163 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000578 J	0.000186 J	0.000306 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000972 J	0.000344 J	0.000413 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00434	0.00133 J	0.00195 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00205 J	0.000691 J	0.000943 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.116	0.031	0.0441
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			1.21	0.318	0.474
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00470 J	0.00142 J	0.00124 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00582 J	0.00163 J	0.00214 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0348	0.0103 J	0.0149
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.271	0.0682	0.0937
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00583	0.00131	0.00164
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00601	0.0025	0.00234 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00358	0.00125 J	0.00136 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00865	0.00531	0.00413
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00246 J	0.00135 J	0.00139 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000508 J	0.000214 J	0.000217 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00130 J	0.000576 J	0.000794 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0152	0.00539	0.00748
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00191 J	0.000847 J	0.00118 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0513	0.0148	0.0186
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0220 J	0.00603 J	0.00730 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0246 J	0.00907	0.00987 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-A	USMPDI-010SC-A	USMPDI-010SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-A-02-03-210502	USMPDI-010SC-A-03-04-210502	USMPDI-010SC-A-04-05-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0368 J	0.0151 J	0.0165
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.05	0.016	0.0207
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0129 JT	0.00409 JT	0.00467 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00548 JT	0.00218 JT	0.00242 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00642 JT	0.00234 JT	0.00277 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				1.43 JT	0.385 JT	0.561 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.66 U	7.49 U	6.98 U
Aroclor 1221	SW8082A			7.66 U	7.49 U	6.98 U
Aroclor 1232	SW8082A			7.66 U	7.49 U	6.98 U
Aroclor 1242	SW8082A			7.66 U	7.49 U	6.98 U
Aroclor 1248	SW8082A			7.66 U	7.49 U	6.98 U
Aroclor 1254	SW8082A			5.09 J	5.84 J	4.57 J
Aroclor 1260	SW8082A			5.07 J	4.95 J	5.05 J
Aroclor 1262	SW8082A			7.66 U	7.49 U	6.98 U
Aroclor 1268	SW8082A			7.66 U	7.49 U	6.98 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	37.0 JT	37.0 JT	34.1 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-010SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-00-02-210502	USMPDI-010SC-B-02-05-210502	USMPDI-010SC-B-05-07-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			3.32	1.04 T	3.61
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	2.5
Total Solids	SM2540G			45.2	54.3 T	54.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.25	4.14 T	5.32
Cadmium	SW6020B			0.200 J	0.225 T	0.312
Chromium	SW6020B			25.5	25.5 T	31
Copper	SW6020B			39.3	39.9 T	56.8
Lead	SW6020B			11.2	13.6 T	23.4
Manganese	SW6020B			576	585 T	792

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-010SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-00-02-210502	USMPDI-010SC-B-02-05-210502	USMPDI-010SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			78.7	80.9 T	90.4
Zinc	SW6020B			89.9	89.5 T	136
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			97.0 U	70.7 UT	66.7 U
1,2-Dichloroethene, cis-	SW8260D			97.0 U	70.7 UT	66.7 U
Benzene	SW8260D			38.8 U	28.3 UT	26.7 U
Chlorobenzene	SW8260D		320	97.0 U	70.7 UT	66.7 U
Ethylbenzene	SW8260D			97.0 U	70.7 UT	66.7 U
m,p-Xylene	SW8260D			194 U	141 UT	133 U
o-Xylene	SW8260D			97.0 U	70.7 UT	66.7 U
Tetrachloroethene (PCE)	SW8260D			97.0 U	70.7 UT	66.7 U
Toluene	SW8260D			194 U	141 UT	133 U
Trichloroethene (TCE)	SW8260D			97.0 U	70.7 UT	66.7 U
Vinyl chloride	SW8260D			97.0 U	70.7 UJT	66.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				194 UT	141 UT	133 UT
PH-ROD Total Xylene (U = 1/2 max limit)				194 UT	141 UT	133 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	96.6 T	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	10 JT	--
Pentachlorophenol	SW8270E			1090 U	222 UJT	888 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	16.6 JT	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	90.6 T	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-010SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-00-02-210502	USMPDI-010SC-B-02-05-210502	USMPDI-010SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			5/2/2021	5/2/2021	5/2/2021
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			0 - 2 ft	2 - 5 ft	5 - 7 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622155.183	7622155.183	7622155.183
2-Methylanthracene	SW8270DMSIM			706877.602	706877.602	706877.602
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	15.6 JT	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	11.9 JT	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	189 T	130
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	17.0 JT	41.5 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	101 T	123
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	624 T	500
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	583 T	592
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	406 T	402
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-010SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-00-02-210502	USMPDI-010SC-B-02-05-210502	USMPDI-010SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	400 T	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	398 T	584 J
Benzo(j)fluoranthene	SW8270ESIM			--	255 T	188
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	219 T	292 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	2.9 JT	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	37.9 JT	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	812 T	567
Decalin, cis-	SW8270ESIM			--	25.0 UJT	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	25.0 UJT	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	60.8 T	77.5 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	24.2 JT	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	79.8 JT	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	1110 JT	1090
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	122 T	104
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-010SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-00-02-210502	USMPDI-010SC-B-02-05-210502	USMPDI-010SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	270 T	379
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	47.3 UJT	112 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	327 T	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	675 T	612
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	1300 JT	1220
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	880 T	882 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	780 T	800 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	6100 JT	5900 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	1150 JT	1200 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	7200 JT	7100 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	535 T	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	4.3 JT	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	9.9 JT	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	58.5 T	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	75.5 T	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	598 T	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	53.8 T	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-010SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-00-02-210502	USMPDI-010SC-B-02-05-210502	USMPDI-010SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			5/2/2021	5/2/2021	5/2/2021
C1-Naphthalenes	SW8270ESIM			0 - 2 ft	2 - 5 ft	5 - 7 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622155.183	7622155.183	7622155.183
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706877.602	706877.602	706877.602
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	24.6 JT	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	103 T	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	343 T	--
C2-Decalins	SW8270ESIM			--	263 T	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	9.75 JT	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	26.3 T	--
C2-Fluorenes	SW8270DMSIM			--	17.9 JT	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	106 T	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	301 T	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	63.0 T	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	49.9 T	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	69.1 T	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	298 T	--
C3-Decalins	SW8270ESIM			--	140 T	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	25.0 UT	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	30.9 T	--
C3-Dibenzothiophenes	SW8270ESIM			--	25.0 UT	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-010SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-00-02-210502	USMPDI-010SC-B-02-05-210502	USMPDI-010SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	92.7 T	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	186 T	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	72.8 T	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	52.4 T	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	46.8 T	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	207 T	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	44.2 JT	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	2.8 JT	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	46.8 T	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	53.1 T	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	30.8 JT	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	21.4 JT	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	58.6 T	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	7.27 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	7.27 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	7.27 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	16.1 J
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	4.21 J
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	14.5 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-010SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-00-02-210502	USMPDI-010SC-B-02-05-210502	USMPDI-010SC-B-05-07-210502
				5/2/2021	5/2/2021	5/2/2021
				0 - 2 ft	2 - 5 ft	5 - 7 ft
				N	N	N
				7622155.183	7622155.183	7622155.183
				706877.602	706877.602	706877.602
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	7.27 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	27.6 JT
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	19.7 JT
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	7.85 JT
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	14.5 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	38.5 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			110 U	88 UT	90 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			110 U	88 UT	90 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-010SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-00-02-210502	USMPDI-010SC-B-02-05-210502	USMPDI-010SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	7.27 U
Aroclor 1221	SW8082A			--	--	7.27 U
Aroclor 1232	SW8082A			--	--	7.27 U
Aroclor 1242	SW8082A			--	--	7.27 U
Aroclor 1248	SW8082A			--	--	7.27 U
Aroclor 1254	SW8082A			--	--	6.32 J
Aroclor 1260	SW8082A			--	--	5.87 J
Aroclor 1262	SW8082A			--	--	7.27 U
Aroclor 1268	SW8082A			--	--	7.27 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	37.6 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	25.2 T	--
Motor oil range hydrocarbons	NWTPHDx			--	81.2 T	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.37 UJ	3.66 UJT	3.62 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-015SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-07-10-210502	USMPDI-010SC-B-10-11.5-210502	USMPDI-015SC-A-06-07-210501
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	71	--
Plastic limit	D4318			--	43	--
Plasticity index	D4318			--	28	--
Specific gravity	D854			--	2.64	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			6.85	15.6	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	69	--
Total organic carbon	SM5310BM			2.1	2.1	3.1
Total Solids	SM2540G			59.1	59.1	57.1
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	6.5	--
Total fines (Reported, not calculated)	D6913			--	93.5	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	100	--
Percent passing 110 micron sieve (#140)	D6913			--	97	--
Percent passing 850 micron sieve (#20)	D6913			--	100	--
Percent passing 425 micron sieve (#40)	D6913			--	100	--
Percent passing 250 micron sieve (#60)	D6913			--	100	--
Percent passing 150 micron sieve (#100)	D6913			--	99	--
Percent passing 75 micron sieve (#200)	D6913			--	93	--
Metals (mg/kg)						
Arsenic	SW6020B			4.48	4.57	--
Cadmium	SW6020B			0.272	0.32	--
Chromium	SW6020B			31.4	28.2	--
Copper	SW6020B			45.7	44.9	--
Lead	SW6020B			29.2	36.9	--
Manganese	SW6020B			786	701	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-015SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-07-10-210502	USMPDI-010SC-B-10-11.5-210502	USMPDI-015SC-A-06-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			88.8	94.6	--
Zinc	SW6020B			120	186	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			62.8 U	59.4 U	--
1,2-Dichloroethene, cis-	SW8260D			62.8 U	59.4 U	--
Benzene	SW8260D			25.1 U	23.8 U	--
Chlorobenzene	SW8260D		320	62.8 U	59.4 U	--
Ethylbenzene	SW8260D			62.8 U	59.4 U	--
m,p-Xylene	SW8260D			126 U	119 U	--
o-Xylene	SW8260D			62.8 U	59.4 U	--
Tetrachloroethene (PCE)	SW8260D			62.8 U	59.4 U	--
Toluene	SW8260D			126 U	119 U	--
Trichloroethene (TCE)	SW8260D			62.8 U	59.4 U	--
Vinyl chloride	SW8260D			62.8 U	59.4 UJ	--
PH-ROD Total BTEX (U = 1/2 max limit)				126 UT	119 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				126 UT	119 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	1580
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	335 J
Pentachlorophenol	SW8270E			1050 UJ	1650 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	10000 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	3710

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-015SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-07-10-210502	USMPDI-010SC-B-10-11.5-210502	USMPDI-015SC-A-06-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	1930 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	3700 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			117	125	1750 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1240	1930	23000 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			57.8 J	93.7 J	668 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			585	627	10500
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1290	1330	7920
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1250	1370	10900
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			831	848	6150
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-015SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-07-10-210502	USMPDI-010SC-B-10-11.5-210502	USMPDI-015SC-A-06-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	6630
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			969 J	1180 J	9800
Benzo(j)fluoranthene	SW8270ESIM			389	402	3450
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			610 J	609 J	3790
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	247 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	971
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1590	1420	10300
Decalin, cis-	SW8270ESIM			--	--	250 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	250 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			150	167	1100
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	1710 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	7140
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			3620	4050	34800
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			932	1370	13000 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-015SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-07-10-210502	USMPDI-010SC-B-10-11.5-210502	USMPDI-015SC-A-06-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			665	806	7030
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	219	215	2170 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	2870
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			3250	4680	71600
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			3420	4290	41500
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1800 JT	1860 JT	13400 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1700 JT	1840 JT	14000 T
PH-ROD Total HPAH (U = 1/2 max limit)				15000 JT	16500 JT	140000 T
PH-ROD Total LPAH (U = 1/2 max limit)				6400 JT	9040 JT	120000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		21000 JT	25500 JT	260000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	4280
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	1180
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	895
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	523
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	3800
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	9790
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	4190

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-015SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-07-10-210502	USMPDI-010SC-B-10-11.5-210502	USMPDI-015SC-A-06-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	7990
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	1040
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	17900
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1950
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	3010
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	1810
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	233 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	3110
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	3380
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	3480
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	19200
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	658
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	9570
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	959
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	2370
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	1590
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	250 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-015SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-07-10-210502	USMPDI-010SC-B-10-11.5-210502	USMPDI-015SC-A-06-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	1910
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1780
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	2160
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	12200
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	427
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	3440
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	363
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	163 J
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	250 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1110
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	5060
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	141 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1210
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.28 U	8.56 U	14.0 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.28 U	7.21 UJ	14.0 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.28 U	3.36 U	14.0 U
4,4'-DDD (p,p'-DDD)	SW8081B			9.54	24.8 J	24.3
4,4'-DDE (p,p'-DDE)	SW8081B			4.1	10.3 J	14.0 U
4,4'-DDT (p,p'-DDT)	SW8081B			3.28 U	5.20 UJ	14.0 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-015SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-07-10-210502	USMPDI-010SC-B-10-11.5-210502	USMPDI-015SC-A-06-07-210501
				5/2/2021	5/2/2021	5/1/2021
				7 - 10 ft	10 - 11.5 ft	6 - 7 ft
				N	N	N
				7622155.183	7622155.183	7622167.222
				706877.602	706877.602	706820.1178
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.28 UT	8.56 UJT	14.0 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				15.3 T	37.7 JT	38.3 T
PH-ROD Sum DDD (U = 1/2 max limit)				11.2 T	29.1 JT	31.3 T
PH-ROD Sum DDE (U = 1/2 max limit)				5.74 T	13.9 JT	14.0 UT
PH-ROD Sum DDT (U = 1/2 max limit)				3.28 UT	5.20 UJT	14.0 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	20.2 T	47.3 JT	59.3 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			84 U	83 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			84 U	83 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000411 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.00134 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00106 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00904
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00298
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.267
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	4.2
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00824 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.0208 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.11
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.731
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.00495
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0078
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.0171
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0179
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0173
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00151 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0118
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.483
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00567
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.254
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0768 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.212 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-015SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-010SC-B-07-10-210502	USMPDI-010SC-B-10-11.5-210502	USMPDI-015SC-A-06-07-210501
				USMPDI-010SC-B	USMPDI-010SC-B	USMPDI-015SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.358
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.874
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.035 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.022 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.023 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	5.3 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.63 U	6.66 U	6.96 U
Aroclor 1221	SW8082A			6.63 U	6.66 U	6.96 U
Aroclor 1232	SW8082A			6.63 U	6.66 U	6.96 U
Aroclor 1242	SW8082A			4.77 J	10.2 J	6.96 U
Aroclor 1248	SW8082A			6.63 U	6.66 U	6.96 U
Aroclor 1254	SW8082A			7.51 J	15.4 J	6.96 U
Aroclor 1260	SW8082A			5.02 J	9.09 J	8.14 J
Aroclor 1262	SW8082A			6.63 U	6.66 U	6.96 U
Aroclor 1268	SW8082A			6.63 U	6.66 U	6.96 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	37.2 JT	54.7 JT	36.0 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	1860
Motor oil range hydrocarbons	NWTPHDx			--	--	1150
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.38 UJ	3.34 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-A	USMPDI-015SC-B	USMPDI-015SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-A-07-7.6-210501	USMPDI-015SC-B-00-02-210501	USMPDI-015SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	66
Plastic limit	D4318			--	--	47
Plasticity index	D4318			--	--	19
Specific gravity	D854			--	--	2.65
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	0.872 J	29.5 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	77.6
Total organic carbon	SM5310BM			0.72	1.9	2.7
Total Solids	SM2540G			68.5	52.2	55.9
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	14.3
Total fines (Reported, not calculated)	D6913			--	--	85.7
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	99
Percent passing 110 micron sieve (#140)	D6913			--	--	91
Percent passing 850 micron sieve (#20)	D6913			--	--	99
Percent passing 425 micron sieve (#40)	D6913			--	--	98
Percent passing 250 micron sieve (#60)	D6913			--	--	97
Percent passing 150 micron sieve (#100)	D6913			--	--	95
Percent passing 75 micron sieve (#200)	D6913			--	--	86
Metals (mg/kg)						
Arsenic	SW6020B			--	4.12	5.19
Cadmium	SW6020B			--	0.209	0.556
Chromium	SW6020B			--	25.6	46.1
Copper	SW6020B			--	40	48.7
Lead	SW6020B			--	12.1	65.7
Manganese	SW6020B			--	548	614

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-A	USMPDI-015SC-B	USMPDI-015SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-A-07-7.6-210501	USMPDI-015SC-B-00-02-210501	USMPDI-015SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	83	100
Zinc	SW6020B			--	87.1	179
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	59.5 U	65.4 U
1,2-Dichloroethene, cis-	SW8260D			--	59.5 U	65.4 U
Benzene	SW8260D			--	23.8 U	26.2 U
Chlorobenzene	SW8260D		320	--	59.5 U	65.4 U
Ethylbenzene	SW8260D			--	59.5 U	65.4 U
m,p-Xylene	SW8260D			--	119 U	131 U
o-Xylene	SW8260D			--	59.5 U	65.4 U
Tetrachloroethene (PCE)	SW8260D			--	59.5 U	65.4 U
Toluene	SW8260D			--	119 U	117 J
Trichloroethene (TCE)	SW8260D			--	59.5 U	65.4 U
Vinyl chloride	SW8260D			--	59.5 U	65.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	119 UT	261 JT
PH-ROD Total Xylene (U = 1/2 max limit)				--	119 UT	131 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	1690
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	161 J
Pentachlorophenol	SW8270E			--	931 U	1780 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	369 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	3510

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-A	USMPDI-015SC-B	USMPDI-015SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-A-07-7.6-210501	USMPDI-015SC-B-00-02-210501	USMPDI-015SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	854 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	874 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			227	23.9	319 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			2620	217	6650 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			327	18.7	385 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			972	53.9	11600
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			3280	166	9210
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			4500	223	12300
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			2360	145	6610
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-A	USMPDI-015SC-B	USMPDI-015SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-A-07-7.6-210501	USMPDI-015SC-B-00-02-210501	USMPDI-015SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	6970
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			4380 J	240 J	9590
Benzo(j)fluoranthene	SW8270ESIM			1220	61.3	4010
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1570 J	90.6 J	3800
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	34.4 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	1060
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			3400	189	12000
Decalin, cis-	SW8270ESIM			--	--	250 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	250 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			520	39.3	1530
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	458 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	3090
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			13200	465	28700
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1770	109	4890 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-A	USMPDI-015SC-B	USMPDI-015SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-A-07-7.6-210501	USMPDI-015SC-B-00-02-210501	USMPDI-015SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			2810	167	7680
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	756	81.8	498 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	2980
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			15000	490	39200
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			16800	472	33300
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				5150 JT	297 JT	14000 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	5900 JT	311 JT	16000 T
PH-ROD Total HPAH (U = 1/2 max limit)				54000 JT	2300 JT	130000 T
PH-ROD Total LPAH (U = 1/2 max limit)				22000 T	990 T	63500 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		76000 JT	3300 JT	190000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	6440
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	98.0 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	223 J
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	1070
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	2700
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	12000
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	2550

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-A	USMPDI-015SC-B	USMPDI-015SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-A-07-7.6-210501	USMPDI-015SC-B-00-02-210501	USMPDI-015SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			5/1/2021	5/1/2021	5/1/2021
C1-Naphthalenes	SW8270ESIM			7 - 7.6 ft	0 - 2 ft	2 - 5 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622167.222	7622167.222	7622167.222
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706820.1178	706820.1178	706820.1178
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	485
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	1340
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	15600
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	3020
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	539
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	640
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	232 J
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	2590
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	5120
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	2600
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	4220
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	818
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	9870
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	1410
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	811
						--
						250 U
						--
						626
						250 U
						--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-A	USMPDI-015SC-B	USMPDI-015SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-A-07-7.6-210501	USMPDI-015SC-B-00-02-210501	USMPDI-015SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	1630
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	2280
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	2120
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	6220
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	482
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	4770
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	536
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	68.3 J
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	250 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1560
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	2820
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	180 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1630
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			5.78 U	3.78 U	28.6
2,4'-DDE (o,p'-DDE)	SW8081B			5.78 U	3.78 U	17.8 U
2,4'-DDT (o,p'-DDT)	SW8081B			5.78 U	3.78 U	17.8 U
4,4'-DDD (p,p'-DDD)	SW8081B			5.78 U	4.14	88.3
4,4'-DDE (p,p'-DDE)	SW8081B			5.78 U	3.78 U	12.3 J
4,4'-DDT (p,p'-DDT)	SW8081B			5.78 U	3.78 U	147

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-A	USMPDI-015SC-B	USMPDI-015SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-A-07-7.6-210501	USMPDI-015SC-B-00-02-210501	USMPDI-015SC-B-02-05-210501
				5/1/2021	5/1/2021	5/1/2021
				7 - 7.6 ft	0 - 2 ft	2 - 5 ft
				N	N	N
				7622167.222	7622167.222	7622167.222
				706820.1178	706820.1178	706820.1178
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				5.78 UT	3.78 UT	46.4 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				5.78 UT	7.92 T	248 JT
PH-ROD Sum DDD (U = 1/2 max limit)				5.78 UT	6.03 T	117 T
PH-ROD Sum DDE (U = 1/2 max limit)				5.78 UT	3.78 UT	21.2 JT
PH-ROD Sum DDT (U = 1/2 max limit)				5.78 UT	3.78 UT	156 T
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	5.78 UT	13.6 T	294 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	93 U	90 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	93 U	90 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000720 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000245 J	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000157 J	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00167 J	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000611 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0364	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.526	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00119 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00357 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0184 J	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0943	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000160 J	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000216 J	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00215 J	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00142 J	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00324	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000150 J	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00218 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.13	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000786 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0428	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00928	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0292 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-A	USMPDI-015SC-B	USMPDI-015SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-A-07-7.6-210501	USMPDI-015SC-B-00-02-210501	USMPDI-015SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0736 J	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.213	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0048 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0036 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0038 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.75 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.81 U	7.53 U	7.04 U
Aroclor 1221	SW8082A			5.81 U	7.53 U	7.92 U
Aroclor 1232	SW8082A			5.81 U	7.53 U	10.0 U
Aroclor 1242	SW8082A			5.81 U	3.79 J	7.04 U
Aroclor 1248	SW8082A			5.81 U	7.53 U	16.2 U
Aroclor 1254	SW8082A			5.81 U	5.67 J	24.4 J
Aroclor 1260	SW8082A			5.81 U	5.23 J	13.7 J
Aroclor 1262	SW8082A			5.81 U	7.53 U	7.04 U
Aroclor 1268	SW8082A			5.81 U	7.53 U	7.04 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.81 UT	37.3 JT	69.2 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	3080
Motor oil range hydrocarbons	NWTPHDx			--	--	2450
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	3.69 UJ	3.7 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-B	USMPDI-016SC-A	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-B-05-07-210501	USMPDI-016SC-A-09-10-210501	USMPDI-016SC-A-10-10.9-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			9.89 J	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	2.5	2.3
Total Solids	SM2540G			57.2	58.5	60
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.93	--	--
Cadmium	SW6020B			0.471	--	--
Chromium	SW6020B			30	--	--
Copper	SW6020B			49.4	--	--
Lead	SW6020B			26.6	--	--
Manganese	SW6020B			588	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-B	USMPDI-016SC-A	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-B-05-07-210501	USMPDI-016SC-A-09-10-210501	USMPDI-016SC-A-10-10.9-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			97.1	--	--
Zinc	SW6020B			143	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			272 U	--	--
1,2-Dichloroethene, cis-	SW8260D			272 U	--	--
Benzene	SW8260D			109 U	--	--
Chlorobenzene	SW8260D		320	272 U	--	--
Ethylbenzene	SW8260D			272 U	--	--
m,p-Xylene	SW8260D			545 U	--	--
o-Xylene	SW8260D			272 U	--	--
Tetrachloroethene (PCE)	SW8260D			272 U	--	--
Toluene	SW8260D			545 U	--	--
Trichloroethene (TCE)	SW8260D			272 U	--	--
Vinyl chloride	SW8260D			272 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				545 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				545 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	196	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	61.5 J	--
Pentachlorophenol	SW8270E			4340 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	309 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	564	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-B	USMPDI-016SC-A	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-B-05-07-210501	USMPDI-016SC-A-09-10-210501	USMPDI-016SC-A-10-10.9-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	243 J	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	328 J	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	265 J	491
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	844 J	1070
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	103 J	167
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	418	868
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	960	1200
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	1220	1230
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	770	721
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-B	USMPDI-016SC-A	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-B-05-07-210501	USMPDI-016SC-A-09-10-210501	USMPDI-016SC-A-10-10.9-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	767	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	1040	1150 J
Benzo(j)fluoranthene	SW8270ESIM			--	417	323
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	426	413 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	26.0 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	61.4	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	1220	1370
Decalin, cis-	SW8270ESIM			--	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	41.2 J	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	158	190
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	78.3 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	416	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	3000	3030
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	560 J	894
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-B	USMPDI-016SC-A	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-B-05-07-210501	USMPDI-016SC-A-09-10-210501	USMPDI-016SC-A-10-10.9-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	829	778
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	382 J	781
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	361	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	3970	6040
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	3600	3940
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	1600 T	1460 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	1600 T	1700 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	14000 T	14000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	6500 JT	10300 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	20000 JT	25000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	952	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	66.7	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	361	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	143	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	578	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	1910	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	524	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-B	USMPDI-016SC-A	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-B-05-07-210501	USMPDI-016SC-A-09-10-210501	USMPDI-016SC-A-10-10.9-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				5/1/2021	5/1/2021	5/1/2021
				5 - 7 ft	9 - 10 ft	10 - 10.9 ft
				N	N	N
				7622167.222	7622238.807	7622238.807
				706820.1178	706754.2776	706754.2776
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	382	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	242	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	3000	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	638	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	198	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	670	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	47.9	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	738	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	1100	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	697	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	1400	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	214	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	2450	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	363	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	272	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	810	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	30.6	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-B	USMPDI-016SC-A	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-B-05-07-210501	USMPDI-016SC-A-09-10-210501	USMPDI-016SC-A-10-10.9-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	502	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	690	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	533	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	1430	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	146	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	1520	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	146	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	67.7	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	25.0 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	178	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	919	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	58.7	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	440	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	13.4 U	9.03 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	7.29 UJ	7.72 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			--	3.73 U	3.28 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	34.8 J	28.5 J
4,4'-DDE (p,p'-DDE)	SW8081B			--	11.3 J	13.7 J
4,4'-DDT (p,p'-DDT)	SW8081B			--	5.76 U	7.72 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-B	USMPDI-016SC-A	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-B-05-07-210501	USMPDI-016SC-A-09-10-210501	USMPDI-016SC-A-10-10.9-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	13.4 UJT	9.03 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	49.0 JT	46.1 JT
PH-ROD Sum DDD (U = 1/2 max limit)				--	41.5 JT	33.0 JT
PH-ROD Sum DDE (U = 1/2 max limit)				--	14.9 JT	17.6 JT
PH-ROD Sum DDT (U = 1/2 max limit)				--	5.76 UT	7.72 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	61.2 JT	56.1 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			87 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			87 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000296 J	0.000778 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000322 J	0.00173 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000415 J	0.00256
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00225 J	0.0143
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000931 J	0.00561
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0727	0.407
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	1.26	8.66
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00161 J	0.00950 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00335 J	0.0241
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.02	0.151
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.18	1.02
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.012	0.0451
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0133	0.0753
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00755	0.0393
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0161	0.139
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00422	0.0395
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00107 J	0.00459
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00171 J	0.0135
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0189	0.145
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00327	0.0264
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0563	0.482
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0415 J	0.155 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0444 J	0.237 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-015SC-B	USMPDI-016SC-A	USMPDI-016SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-015SC-B-05-07-210501	USMPDI-016SC-A-09-10-210501	USMPDI-016SC-A-10-10.9-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0505 J	0.394
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0671 J	0.564
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0244 JT	0.118 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00863 JT	0.0524 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00850 JT	0.0515 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	1.47 JT	10.1 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	6.76 U	6.67 U
Aroclor 1221	SW8082A			--	6.76 U	6.67 U
Aroclor 1232	SW8082A			--	6.76 U	6.67 U
Aroclor 1242	SW8082A			--	15.1 J	8.58 J
Aroclor 1248	SW8082A			--	6.76 U	6.67 U
Aroclor 1254	SW8082A			--	23.8 J	25.0 J
Aroclor 1260	SW8082A			--	14.5 J	15.4 J
Aroclor 1262	SW8082A			--	6.76 U	6.67 U
Aroclor 1268	SW8082A			--	6.76 U	6.67 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	73.7 JT	69.0 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	395	--
Motor oil range hydrocarbons	NWTPHDx			--	477	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			17.9 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-016SC-B	USMPDI-016SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-00-02-210501	USMPDI-016SC-B-02-05-210501	USMPDI-016SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	52
Plastic limit	D4318			--	--	40
Plasticity index	D4318			--	--	12
Specific gravity	D854			--	--	2.75
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.768 J	0.820 J	4.72 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	65.1
Total organic carbon	SM5310BM			1.8	2.2	1.8
Total Solids	SM2540G			52.1	52.7	59.4
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	12.6
Total fines (Reported, not calculated)	D6913			--	--	87.4
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	93
Percent passing 850 micron sieve (#20)	D6913			--	--	100
Percent passing 425 micron sieve (#40)	D6913			--	--	99
Percent passing 250 micron sieve (#60)	D6913			--	--	99
Percent passing 150 micron sieve (#100)	D6913			--	--	97
Percent passing 75 micron sieve (#200)	D6913			--	--	87
Metals (mg/kg)						
Arsenic	SW6020B			4.05	4.42	4.16
Cadmium	SW6020B			0.192	0.212	0.252
Chromium	SW6020B			27.2	27.4	26.3
Copper	SW6020B			39.1	43.1	41.7
Lead	SW6020B			12.5	15.4	26.2
Manganese	SW6020B			508	664	784

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-016SC-B	USMPDI-016SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-00-02-210501	USMPDI-016SC-B-02-05-210501	USMPDI-016SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			82.7	88.2	87.4
Zinc	SW6020B			89	92.9	115
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			96.6 U	70.3 U	59.1 U
1,2-Dichloroethene, cis-	SW8260D			96.6 U	70.3 U	59.1 U
Benzene	SW8260D			38.6 U	28.1 U	23.6 U
Chlorobenzene	SW8260D		320	96.6 U	70.3 U	59.1 U
Ethylbenzene	SW8260D			96.6 U	70.3 U	59.1 U
m,p-Xylene	SW8260D			193 U	141 U	118 U
o-Xylene	SW8260D			96.6 U	70.3 U	59.1 U
Tetrachloroethene (PCE)	SW8260D			96.6 U	70.3 U	59.1 U
Toluene	SW8260D			193 U	141 U	65.1 J
Trichloroethene (TCE)	SW8260D			96.6 U	70.3 U	59.1 U
Vinyl chloride	SW8260D			96.6 U	70.3 U	59.1 U
PH-ROD Total BTEX (U = 1/2 max limit)				193 UT	141 UT	195 JT
PH-ROD Total Xylene (U = 1/2 max limit)				193 UT	141 UT	118 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	25.0 U	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	6.6 J	--
Pentachlorophenol	SW8270E			461 U	908 U	838 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	12.0 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	29	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-016SC-B	USMPDI-016SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-00-02-210501	USMPDI-016SC-B-02-05-210501	USMPDI-016SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	10.9 J	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	8.5 J	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			9.45 U	15.4 J	512
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			35.8 U	152 J	2740
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			12.9	14.3 J	129
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			45	45.3	1880
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			158	140	1880
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			241	191	1760
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			161	137	1130
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-016SC-B	USMPDI-016SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-00-02-210501	USMPDI-016SC-B-02-05-210501	USMPDI-016SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	131	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			266 J	194	1590 J
Benzo(j)fluoranthene	SW8270ESIM			65.5	74.3	501
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			97.5 J	83.5	666 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	25.0 UJ	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	12.7 J	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			177	177	1890
Decalin, cis-	SW8270ESIM			--	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	25.0 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			44.4	26.6	236
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	21.3 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	24.2 J	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			304	404	7990
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			24.2 U	80.8 J	2300
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-016SC-B	USMPDI-016SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-00-02-210501	USMPDI-016SC-B-02-05-210501	USMPDI-016SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			187	152	1110
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	25.6 U	35.3 J	867
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	257	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			151 U	391	11800
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			347	417	7910
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				324 JT	295 T	2300 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	337 JT	260 T	2420 JT
PH-ROD Total HPAH (U = 1/2 max limit)				2050 JT	2000 T	26700 JT
PH-ROD Total LPAH (U = 1/2 max limit)				181 T	734 JT	20000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		2230 JT	2700 JT	47000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	111	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	4.0 J	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	16.3 J	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	32	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	22.4 J	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	180	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	31.4	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-016SC-B	USMPDI-016SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-00-02-210501	USMPDI-016SC-B-02-05-210501	USMPDI-016SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			5/1/2021	5/1/2021	5/1/2021
C1-Naphthalenes	SW8270ESIM			0 - 2 ft	2 - 5 ft	5 - 7 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622238.807	7622238.807	7622238.807
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706754.2776	706754.2776	706754.2776
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	18.7 J	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	22.9 J	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	139	--
C2-Decalins	SW8270ESIM			--	66.1	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	10.1 J	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	44.1	--
C2-Fluorenes	SW8270DMSIM			--	6.7 J	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	31.7	--
C2-Naphthalenes	SW8270ESIM			--	81.9	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	25.0 U	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	45.3	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270DMSIM			--	22.7 J	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	114	--
C3-Chrysenes	SW8270ESIM			--	42.8	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	25.0 U	--
C3-Dibenz(a,h)anthracenes	SW8270DMSIM			--	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	54.7	--
				--	25.0 U	--
				--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-016SC-B	USMPDI-016SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-00-02-210501	USMPDI-016SC-B-02-05-210501	USMPDI-016SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	33.1	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	60.3	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	29.5	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	7.1 J	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	23.2 J	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	94.3	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	24.6 J	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	6.0 J	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	25.0 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	18.6 J	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	32.9	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	16.0 J	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	38.6	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.75 U	3.60 UJ	4.68 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.75 UJ	3.60 UJ	3.34 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			3.75 U	3.60 UJ	3.34 U
4,4'-DDD (p,p'-DDD)	SW8081B			3.68 J	9.79 J	11.8 J
4,4'-DDE (p,p'-DDE)	SW8081B			2.18 J	3.78 J	4.96 J
4,4'-DDT (p,p'-DDT)	SW8081B			3.75 U	72.4 J	3.34 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-016SC-B	USMPDI-016SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-00-02-210501	USMPDI-016SC-B-02-05-210501	USMPDI-016SC-B-05-07-210501
				5/1/2021	5/1/2021	5/1/2021
				0 - 2 ft	2 - 5 ft	5 - 7 ft
				N	N	N
				7622238.807	7622238.807	7622238.807
				706754.2776	706754.2776	706754.2776
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.75 UJT	3.60 UJT	4.68 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				7.74 JT	86.0 JT	18.4 JT
PH-ROD Sum DDD (U = 1/2 max limit)				5.56 JT	11.6 JT	14.1 JT
PH-ROD Sum DDE (U = 1/2 max limit)				4.06 JT	5.58 JT	6.63 JT
PH-ROD Sum DDT (U = 1/2 max limit)				3.75 UT	74.2 JT	3.34 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	13.4 JT	91.4 JT	24.1 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			95 U	93 U	86 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			95 U	93 U	86 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-016SC-B	USMPDI-016SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-00-02-210501	USMPDI-016SC-B-02-05-210501	USMPDI-016SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.22 U	7.23 U	6.50 U
Aroclor 1221	SW8082A			7.22 U	7.23 U	6.50 U
Aroclor 1232	SW8082A			7.22 U	7.23 U	6.50 U
Aroclor 1242	SW8082A			7.22 U	7.23 U	10.6 J
Aroclor 1248	SW8082A			7.22 U	7.23 U	6.50 U
Aroclor 1254	SW8082A			7.22 U	4.60 J	18.2 J
Aroclor 1260	SW8082A			7.22 U	7.23 U	11.7 J
Aroclor 1262	SW8082A			7.22 U	7.23 U	6.50 U
Aroclor 1268	SW8082A			7.22 U	7.23 U	6.50 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	7.22 UT	33.5 JT	60.0 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	80.7	--
Motor oil range hydrocarbons	NWTPHDx			--	219	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.61 UJ	3.61 UJ	3.43 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-07-10-210501	USMPDI-017SC-A-02-03-210429	USMPDI-017SC-A-12-13-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			21.1 J	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	1.5	3.3
Total Solids	SM2540G			58.1	57.9	63
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.17	--	--
Cadmium	SW6020B			0.354	--	--
Chromium	SW6020B			30.7	--	--
Copper	SW6020B			48.8	--	--
Lead	SW6020B			32.6	--	--
Manganese	SW6020B			734	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-07-10-210501	USMPDI-017SC-A-02-03-210429	USMPDI-017SC-A-12-13-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			99.7	--	--
Zinc	SW6020B			193	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			62.7 U	--	--
1,2-Dichloroethene, cis-	SW8260D			62.7 U	--	--
Benzene	SW8260D			25.1 U	--	--
Chlorobenzene	SW8260D		320	62.7 U	--	--
Ethylbenzene	SW8260D			62.7 U	--	--
m,p-Xylene	SW8260D			125 U	--	--
o-Xylene	SW8260D			62.7 U	--	--
Tetrachloroethene (PCE)	SW8260D			62.7 U	--	--
Toluene	SW8260D			125 U	--	--
Trichloroethene (TCE)	SW8260D			62.7 U	--	--
Vinyl chloride	SW8260D			62.7 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				125 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				125 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	1940
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	483 J
Pentachlorophenol	SW8270E			839 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	4360 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	4210

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-07-10-210501	USMPDI-017SC-A-02-03-210429	USMPDI-017SC-A-12-13-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			5/1/2021	4/29/2021	4/29/2021
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			7 - 10 ft	2 - 3 ft	12 - 13 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622238.807	7622375.01	7622375.01
2-Methylanthracene	SW8270DMSIM			706754.2776	706770.5197	706770.5197
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	1290 J
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	2140 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	4200	15300 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	108	368 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	952	18700 J
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	2110	19700 J
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	2300	18700 J
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	1490	9900 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-07-10-210501	USMPDI-017SC-A-02-03-210429	USMPDI-017SC-A-12-13-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	--	11200
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	2100 J	15600 J
Benzo(j)fluoranthene	SW8270ESIM			--	690	7070
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	901 J	6160
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	192 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	250 U
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	2190	24900 J
Decalin, cis-	SW8270ESIM			--	--	250 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	250 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	327 J	1270 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	1140 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	8330
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	6030	67700
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	3000	12600
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-07-10-210501	USMPDI-017SC-A-02-03-210429	USMPDI-017SC-A-12-13-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	1450 J	8160 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	376	2300 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	5190
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	8230	98700
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	6080	84600
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	3100 JT	23000 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	3100 JT	24000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	26000 JT	260000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	17000 T	150000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	43000 JT	410000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	3940
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	356
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	159 J
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	322
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	3340
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	15200
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	4920

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-07-10-210501	USMPDI-017SC-A-02-03-210429	USMPDI-017SC-A-12-13-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			5/1/2021	4/29/2021	4/29/2021
C1-Naphthalenes	SW8270ESIM			7 - 10 ft	2 - 3 ft	12 - 13 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622238.807	7622375.01	7622375.01
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706754.2776	706770.5197	706770.5197
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	3120
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	698
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	17200
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	937
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	1020
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	250 U
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	2080
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	2590
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	2480
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	8350
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	189 J
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	5650
C3-Decalins	SW8270ESIM			--	--	400
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	963
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	353
C3-Dibenzothiophenes	SW8270ESIM			--	--	250 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-07-10-210501	USMPDI-017SC-A-02-03-210429	USMPDI-017SC-A-12-13-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			5/1/2021	4/29/2021	4/29/2021
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			7 - 10 ft	2 - 3 ft	12 - 13 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622238.807	7622375.01	7622375.01
C3-Fluorenes	SW8270ESIM			706754.2776	706770.5197	706770.5197
C3-Naphthalenes	SW8270DMSIM			--	--	910
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	766
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	1360
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	6200
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	164 J
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	1830
C4-Dibenzothiophenes	SW8270DMSIM			--	--	111 J
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	250 U
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	974
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	2140
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	250 U
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	6.77 U	29.8
2,4'-DDE (o,p'-DDE)	SW8081B			--	6.77 U	15.6 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	6.77 UJ	15.6 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			--	16.1 J	56.3
4,4'-DDE (p,p'-DDE)	SW8081B			--	7.44	15.6 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	6.77 U	15.6 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-07-10-210501	USMPDI-017SC-A-02-03-210429	USMPDI-017SC-A-12-13-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	6.77 UJT	45.4 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	26.9 JT	71.9 T
PH-ROD Sum DDD (U = 1/2 max limit)				--	19.5 JT	86.1 T
PH-ROD Sum DDE (U = 1/2 max limit)				--	10.8 T	15.6 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	6.77 UJT	15.6 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	37.1 JT	117 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			86 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			86 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000206 J	0.000293 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000367 J	0.000678 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000539 U	0.000473 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0026	0.00499
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00120 J	0.00147 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0478	0.24
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.605	2.51
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00111 J	0.00447 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00289 J	0.0129 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0221	0.0676
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.11	0.581
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.00751	0.00661
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0139	0.00802
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00716	0.0105
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0289	0.0107
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00844	0.00435
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00159 J	0.000413 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00105 J	0.00293
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0238	0.102
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00808	0.00354
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0487	0.0711
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0278 J	0.0514 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0415 J	0.0856 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-016SC-B	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-016SC-B-07-10-210501	USMPDI-017SC-A-02-03-210429	USMPDI-017SC-A-12-13-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0597 J	0.111
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0562	0.226
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0212 JT	0.022 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00983 JT	0.011 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00929 JT	0.012 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.807 JT	3.0 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	6.89 U	6.14 U
Aroclor 1221	SW8082A			--	6.89 U	6.14 U
Aroclor 1232	SW8082A			--	6.89 U	6.14 U
Aroclor 1242	SW8082A			--	29.5 J	6.14 U
Aroclor 1248	SW8082A			--	6.89 U	6.14 U
Aroclor 1254	SW8082A			--	43.0 J	6.14 U
Aroclor 1260	SW8082A			--	27.1 J	7.51 J
Aroclor 1262	SW8082A			--	6.89 U	6.14 U
Aroclor 1268	SW8082A			--	6.89 U	6.14 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	120 JT	32.1 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	1030
Motor oil range hydrocarbons	NWTPHDx			--	--	742
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.48 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-13-14-210429	USMPDI-017SC-A-14-15-210429	USMPDI-017SC-A-15-16-210429
				USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622375.01	7622375.01	7622375.01
				706770.5197	706770.5197	706770.5197
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.7	1.2	1.5
Total Solids	SM2540G			66.4	69.1	63.6
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-13-14-210429	USMPDI-017SC-A-14-15-210429	USMPDI-017SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-13-14-210429	USMPDI-017SC-A-14-15-210429	USMPDI-017SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			142	106	11.8 U
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			2230	739	52.7 U
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			144	149	10.5
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			1810	759	35.3
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			3430	1780	63.9 U
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			5610	2910	69.0 U
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			2970	1510	41.2 U
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-13-14-210429	USMPDI-017SC-A-14-15-210429	USMPDI-017SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			5860 J	3350 J	49.7 UJ
Benzo(j)fluoranthene	SW8270ESIM			1490	659	21.0 U
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1730 J	908 J	26.7 UJ
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			3810	1990	60.6 U
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			665 J	308 J	10.5 UJ
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			12700	6130	120 U
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1420	370	23.2 U
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-13-14-210429	USMPDI-017SC-A-14-15-210429	USMPDI-017SC-A-15-16-210429
				USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			3880 J	2020 J	38.0 UJ
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	619	505	24.2 U
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			12400	4060	147 U
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			15800	7890	144 U
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				6190 JT	3080 JT	41.2 UJT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	7320 JT	3760 JT	69.0 UJT
PH-ROD Total HPAH (U = 1/2 max limit)				57900 JT	29500 JT	144 UJT
PH-ROD Total LPAH (U = 1/2 max limit)				18800 T	6700 T	175 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		76700 JT	36000 JT	498 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-13-14-210429	USMPDI-017SC-A-14-15-210429	USMPDI-017SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-13-14-210429	USMPDI-017SC-A-14-15-210429	USMPDI-017SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			5.92 U	5.64 U	3.09 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			5.92 U	5.64 U	3.09 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			5.92 UJ	5.64 UJ	3.09 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			5.92 U	5.64 U	3.09 U
4,4'-DDE (p,p'-DDE)	SW8081B			5.92 U	5.64 U	3.09 U
4,4'-DDT (p,p'-DDT)	SW8081B			5.92 U	5.64 U	3.09 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-13-14-210429	USMPDI-017SC-A-14-15-210429	USMPDI-017SC-A-15-16-210429
				4/29/2021	4/29/2021	4/29/2021
				13 - 14 ft	14 - 15 ft	15 - 16 ft
				N	N	N
				7622375.01	7622375.01	7622375.01
				706770.5197	706770.5197	706770.5197
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				5.92 UJT	5.64 UJT	3.09 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				5.92 UT	5.64 UT	3.09 UJT
PH-ROD Sum DDD (U = 1/2 max limit)				5.92 UT	5.64 UT	3.09 UJT
PH-ROD Sum DDE (U = 1/2 max limit)				5.92 UT	5.64 UT	3.09 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				5.92 UJT	5.64 UJT	3.09 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	5.92 UJT	5.64 UJT	3.09 UJT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000158 U	0.0000505 U	0.0000914 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000211 U	0.000101 U	0.000111 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000469 U	0.000196 U	0.000204 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000444 U	0.000210 U	0.000210 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000612 U	0.000225 U	0.000234 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00387	0.000181 J	0.00175 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0415	0.00249 J	0.0159
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000158 U	0.0000505 U	0.000626 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000211 U	0.000101 U	0.000240 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000612 U	0.000225 U	0.0018
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00847	0.000450 J	0.00467
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000157 U	0.0000351 U	0.000283 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000186 U	0.0000533 U	0.000125 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000175 U	0.0000434 U	0.000103 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000186 UJ	0.0000653 U	0.0000795 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000192 UJ	0.0000607 U	0.0000633 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000184 UJ	0.0000866 U	0.0000960 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000197 U	0.0000648 U	0.0000802 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00129 J	0.000163 J	0.0000844 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000425 U	0.0000944 U	0.000120 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000799 J	0.000140 U	0.000132 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000157 U	0.0000351 U	0.00121
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000524	0.0000533 U	0.000125 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-13-14-210429	USMPDI-017SC-A-14-15-210429	USMPDI-017SC-A-15-16-210429
				USMPDI-017SC-A	USMPDI-017SC-A	USMPDI-017SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00103 J	0.000169 J	0.0000643
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00265 J	0.000163	0.000120 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000465 JT	0.000151 JT	0.000547 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000420 JT	0.000156 JT	0.000274 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000402 JT	0.000135 JT	0.000286 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0493 JT	0.00355 JT	0.0190 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.88 U	5.62 U	6.13 U
Aroclor 1221	SW8082A			5.88 U	5.62 U	6.13 U
Aroclor 1232	SW8082A			5.88 U	5.62 U	6.13 U
Aroclor 1242	SW8082A			5.88 U	5.62 U	6.13 U
Aroclor 1248	SW8082A			5.88 U	5.62 U	6.13 U
Aroclor 1254	SW8082A			5.88 U	5.62 U	6.13 U
Aroclor 1260	SW8082A			5.88 U	5.62 U	6.13 U
Aroclor 1262	SW8082A			5.88 U	5.62 U	6.13 U
Aroclor 1268	SW8082A			5.88 U	5.62 U	6.13 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.88 UT	5.62 UT	6.13 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-16-17-210429	USMPDI-017SC-B-00-02-210429	USMPDI-017SC-B-02-04-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	5.51 J	15.6 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	--
Total Solids	SM2540G			70.6	53.2	58.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	4.52	4.71
Cadmium	SW6020B			--	0.236	0.325
Chromium	SW6020B			--	25.9	29.5
Copper	SW6020B			--	35.3	42.7
Lead	SW6020B			--	27.7	28.5
Manganese	SW6020B			--	583	623

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-16-17-210429	USMPDI-017SC-B-00-02-210429	USMPDI-017SC-B-02-04-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			--	83.2 J	100 J
Zinc	SW6020B			--	106	183
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	73.3 U	71.3 U
1,2-Dichloroethene, cis-	SW8260D			--	73.3 U	71.3 U
Benzene	SW8260D			--	29.3 U	28.5 U
Chlorobenzene	SW8260D		320	--	73.3 U	71.3 U
Ethylbenzene	SW8260D			--	73.3 U	71.3 U
m,p-Xylene	SW8260D			--	147 U	143 U
o-Xylene	SW8260D			--	73.3 U	71.3 U
Tetrachloroethene (PCE)	SW8260D			--	73.3 U	71.3 U
Toluene	SW8260D			--	147 U	174
Trichloroethene (TCE)	SW8260D			--	73.3 U	71.3 U
Vinyl chloride	SW8260D			--	73.3 U	71.3 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	147 UT	331 T
PH-ROD Total Xylene (U = 1/2 max limit)				--	147 UT	143 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			1.44 U	--	--
2-Methylpyrene	SW8270DMSIM			1.44 U	--	--
4-Methylpyrene	SW8270DMSIM			0.566 J	--	--
Benzo(b)fluorene	SW8270DMSIM			0.613 J	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	181
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			1.44 U	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	54.9 J
Pentachlorophenol	SW8270E			--	468 U	403 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			1.44 U	--	--
1-Methylnaphthalene	SW8270DMSIM			0.498 J	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	120 J
1-Methylphenanthrene	SW8270DMSIM			0.529 J	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	350

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-16-17-210429	USMPDI-017SC-B-00-02-210429	USMPDI-017SC-B-02-04-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			1.44 U	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	145 J
2,6-Dimethylnaphthalene	SW8270DMSIM			0.400 J	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	55.9 J
2-Methylanthracene	SW8270DMSIM			1.44 U	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			1.44 U	--	--
2-Methylnaphthalene	SW8270DMSIM			0.713 J	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	268 J
2-Methylphenanthrene	SW8270DMSIM			1.44 U	--	--
4-Methyldibenzothiophene	SW8270DMSIM			1.44 U	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			1.44 U	--	--
Acenaphthene	SW8270DMSIM			0.467 J	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	2360 J
Acenaphthylene	SW8270DMSIM			0.374 J	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	58.6 J
Anthracene	SW8270DMSIM			0.731 J	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	604 J
Benzo(a)anthracene	SW8270DMSIM			1.67	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	1660 J
Benzo(a)fluoranthene	SW8270DMSIM			1.22 J	--	--
Benzo(a)pyrene	SW8270DMSIM			2.77	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	1510 J
Benzo(b)fluoranthene	SW8270DMSIM			1.84 J	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	1070 J
Benzo(c)fluorene	SW8270DMSIM			0.426 J	--	--
Benzo(e)pyrene	SW8270DMSIM			1.66	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-16-17-210429	USMPDI-017SC-B-00-02-210429	USMPDI-017SC-B-02-04-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	996
Benzo(g,h,i)perylene	SW8270DMSIM			2.85	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	1230 J
Benzo(j)fluoranthene	SW8270ESIM			--	--	634
Benzo(j,k)fluoranthene	SW8270DMSIM			1.59	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	621
Benzonaphthothiophene	SW8270DMSIM			1.44 U	--	--
Benzo(b)thiophene	SW8270DMSIM			1.44 U	--	--
Benzo(b)thiophene	SW8270ESIM			--	--	26.7 J
Carbazole	SW8270DMSIM			1.44 U	--	--
Carbazole	SW8270ESIM			--	--	173
Chrysene	SW8270DMSIM			1.77	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	1980 J
Decalin, cis-	SW8270ESIM			--	--	25.0 UJ
Decalin, cis- & trans-	SW8270DMSIM			0.161 J	--	--
Decalin, trans-	SW8270ESIM			--	--	2.0 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	171 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			0.390 J	--	--
Dibenzofuran	SW8270DMSIM			1.44 U	--	--
Dibenzofuran	SW8270ESIM			--	--	255 J
Dibenzothiophene	SW8270DMSIM			1.44 U	--	--
Dibenzothiophene	SW8270ESIM			--	--	417
Fluoranthene	SW8270DMSIM			3.17	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	4210
Fluorene	SW8270DMSIM			0.715 J	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	1760
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			2.09 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-16-17-210429	USMPDI-017SC-B-00-02-210429	USMPDI-017SC-B-02-04-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	778 J
Naphthalene	SW8270DMSIM		140000	0.959 J	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	486 J
Perylene	SW8270DMSIM			350	--	--
Perylene	SW8270ESIM			--	--	446
Phenanthrene	SW8270DMSIM			2.84	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	6860
Pyrene	SW8270DMSIM			4.18	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	4120
Retene	SW8270DMSIM			9.26 J	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.43 JT	--	2330 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3.74 JT	--	2040 JT
PH-ROD Total HPAH (U = 1/2 max limit)				22.3 JT	--	18000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				6.80 JT	--	12400 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		29.1 JT	--	30400 JT
3-Methylphenanthrene	SW8270DMSIM			1.44 U	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	981
C1-Benzo(b)thiophene	SW8270DMSIM			1.44 U	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	31.9
C1-Chrysenes	SW8270DMSIM			1.17 J	--	--
C1-Decalins	SW8270DMSIM			0.719 U	--	--
C1-Decalins	SW8270ESIM			--	--	50.7
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	126
C1-Dibenzothiophenes	SW8270DMSIM			1.44 U	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	272
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			4.03	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1510
C1-Fluorenes	SW8270DMSIM			0.525 J	--	--
C1-Fluorenes	SW8270ESIM			--	--	487

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-16-17-210429	USMPDI-017SC-B-00-02-210429	USMPDI-017SC-B-02-04-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			0.800 J	--	--
C1-Naphthalenes	SW8270ESIM			--	--	252
C1-Naphthobenzothiophenes	SW8270DMSIM			0.631 J	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	123
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			1.98	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1410
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	320
C2-Benzo(b)thiophene	SW8270DMSIM			1.11 J	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	82
C2-Chrysenes	SW8270DMSIM			1.32 J	--	--
C2-Decalins	SW8270DMSIM			0.719 U	--	--
C2-Decalins	SW8270ESIM			--	--	151
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	25.8
C2-Dibenzothiophenes	SW8270DMSIM			1.44 U	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	283
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			2.89	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	538
C2-Fluorenes	SW8270DMSIM			1.09 J	--	--
C2-Fluorenes	SW8270ESIM			--	--	294
C2-Naphthalenes	SW8270DMSIM			1.34 J	--	--
C2-Naphthalenes	SW8270ESIM			--	--	519
C2-Naphthobenzothiophenes	SW8270DMSIM			1.44 U	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	76.6
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			1.83	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	806
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	200
C3-Benzo(b)thiophene	SW8270DMSIM			1.33 J	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	71.5
C3-Chrysenes	SW8270DMSIM			1.44 U	--	--
C3-Decalins	SW8270DMSIM			0.719 U	--	--
C3-Decalins	SW8270ESIM			--	--	109
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	13.3 J
C3-Dibenzothiophenes	SW8270DMSIM			1.17 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-16-17-210429	USMPDI-017SC-B-00-02-210429	USMPDI-017SC-B-02-04-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	219
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			2.47	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	302
C3-Fluorenes	SW8270DMSIM			1.44 U	--	--
C3-Fluorenes	SW8270ESIM			--	--	233
C3-Naphthalenes	SW8270DMSIM			1.30 J	--	--
C3-Naphthalenes	SW8270ESIM			--	--	602
C3-Naphthobenzothiophenes	SW8270DMSIM			1.44 U	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	49.8
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			2.32	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	504
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	49.2
C4-Benzo(b)thiophene	SW8270DMSIM			1.44 U	--	--
C4-Chrysenes	SW8270DMSIM			1.44 U	--	--
C4-Decalins	SW8270DMSIM			0.719 U	--	--
C4-Decalins	SW8270ESIM			--	--	14.0 J
C4-Dibenzothiophenes	SW8270DMSIM			1.44 U	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	25.0 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			1.95	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	81.4
C4-Naphthalenes	SW8270DMSIM			1.44	--	--
C4-Naphthalenes	SW8270ESIM			--	--	274
C4-Naphthobenzothiophenes	SW8270DMSIM			1.44 U	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	13.4 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			4.36	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	135
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.76 U	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			2.76 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			2.76 U	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			2.76 U	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			2.76 U	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			2.76 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-16-17-210429	USMPDI-017SC-B-00-02-210429	USMPDI-017SC-B-02-04-210429
				4/29/2021	4/29/2021	4/29/2021
				16 - 17 ft	0 - 2 ft	2 - 4 ft
				N	N	N
				7622375.01	7622375.01	7622375.01
				706770.5197	706770.5197	706770.5197
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.76 UT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.76 UT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				2.76 UT	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				2.76 UT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				2.76 UT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.76 UT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	93 U	82 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	93 U	82 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000220 U	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000525 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000790 U	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000614 U	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000548 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000388 U	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.00672 J	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000220 U	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000525 U	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000790 U	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.000388 U	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000197 U	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000429 U	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000359 U	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000458 U	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000501 U	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000406 U	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000435 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000566 U	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000392 U	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00121 U	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000197 U	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000429 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-A	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-A-16-17-210429	USMPDI-017SC-B-00-02-210429	USMPDI-017SC-B-02-04-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000458 U	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.000566 U	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000818 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000777 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000639 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0107 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.55 U	--	--
Aroclor 1221	SW8082A			5.55 U	--	--
Aroclor 1232	SW8082A			5.55 U	--	--
Aroclor 1242	SW8082A			5.55 U	--	--
Aroclor 1248	SW8082A			5.55 U	--	--
Aroclor 1254	SW8082A			5.55 U	--	--
Aroclor 1260	SW8082A			5.55 U	--	--
Aroclor 1262	SW8082A			5.55 U	--	--
Aroclor 1268	SW8082A			5.55 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.55 UT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	140
Motor oil range hydrocarbons	NWTPHDx			--	--	200
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	3.55 UJ	3.37 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-04-06-210429	USMPDI-017SC-B-06-08-210429	USMPDI-017SC-B-08-10-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			14.5 J	30.7 J	61.0 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.9	2.7	2.7
Total Solids	SM2540G			59.1	57.1	58.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.61	5.17	4.98
Cadmium	SW6020B			0.283	0.457	0.424
Chromium	SW6020B			28	29.7	29.8
Copper	SW6020B			39.2	47.3	45.5
Lead	SW6020B			23.4	29.6	31.5
Manganese	SW6020B			594	578	637

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-04-06-210429	USMPDI-017SC-B-06-08-210429	USMPDI-017SC-B-08-10-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			89.3 J	96.3 J	92.6 J
Zinc	SW6020B			136	147	115
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			69.2 U	138 U	62.7 U
1,2-Dichloroethene, cis-	SW8260D			69.2 U	138 U	62.7 U
Benzene	SW8260D			27.7 U	55.4 U	25.1 U
Chlorobenzene	SW8260D		320	69.2 U	138 U	62.7 U
Ethylbenzene	SW8260D			69.2 U	138 U	62.7 U
m,p-Xylene	SW8260D			138 U	277 U	125 U
o-Xylene	SW8260D			69.2 U	138 U	62.7 U
Tetrachloroethene (PCE)	SW8260D			69.2 U	138 U	62.7 U
Toluene	SW8260D			138 U	277 U	125 U
Trichloroethene (TCE)	SW8260D			69.2 U	138 U	62.7 U
Vinyl chloride	SW8260D			69.2 U	138 U	62.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				138 UT	277 UT	125 UT
PH-ROD Total Xylene (U = 1/2 max limit)				138 UT	277 UT	125 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			408 U	848 U	809 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-04-06-210429	USMPDI-017SC-B-06-08-210429	USMPDI-017SC-B-08-10-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			575	863	2510
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			2430	1700	4770
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			216	198	325
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			2150	2480	5900
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			3000	2290	5660
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			3590	2700	6890
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			2050	1530	3670
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-04-06-210429	USMPDI-017SC-B-06-08-210429	USMPDI-017SC-B-08-10-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			3420 J	2820 J	6070 J
Benzo(j)fluoranthene	SW8270ESIM			993	716	1860
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1210 J	866 J	2280 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			3210	2590	6370
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			555 J	407 J	1040 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			8070	6790	16500
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1870	1490	3340
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-04-06-210429	USMPDI-017SC-B-06-08-210429	USMPDI-017SC-B-08-10-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			2340 J	1880 J	4540 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	1050	1020	1820
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			11400	8520	21300
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			9740	8240	19600
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				4250 JT	3110 JT	7810 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4900 JT	3700 JT	9350 JT
PH-ROD Total HPAH (U = 1/2 max limit)				38000 JT	31000 JT	74500 JT
PH-ROD Total LPAH (U = 1/2 max limit)				19700 T	16000 T	40000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		58000 JT	47000 JT	110000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-04-06-210429	USMPDI-017SC-B-06-08-210429	USMPDI-017SC-B-08-10-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			4/29/2021	4/29/2021	4/29/2021
C1-Naphthalenes	SW8270ESIM			4 - 6 ft	6 - 8 ft	8 - 10 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622375.01	7622375.01	7622375.01
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706770.5197	706770.5197	706770.5197
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-04-06-210429	USMPDI-017SC-B-06-08-210429	USMPDI-017SC-B-08-10-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			11.1	53.3	111
2,4'-DDE (o,p'-DDE)	SW8081B			7.24 U	23.5	50
2,4'-DDT (o,p'-DDT)	SW8081B			6.29 UJ	6.97 UJ	6.43 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			38.8	191	354
4,4'-DDE (p,p'-DDE)	SW8081B			11.2	17.9 J	34.8 J
4,4'-DDT (p,p'-DDT)	SW8081B			18.8 J	49.5	72.9

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-04-06-210429	USMPDI-017SC-B-06-08-210429	USMPDI-017SC-B-08-10-210429
				4/29/2021	4/29/2021	4/29/2021
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622375.01	7622375.01	7622375.01
				706770.5197	706770.5197	706770.5197
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				17.9 JT	80.3 JT	164 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				68.8 JT	258 JT	462 JT
PH-ROD Sum DDD (U = 1/2 max limit)				49.9 T	244 T	465 T
PH-ROD Sum DDE (U = 1/2 max limit)				14.8 T	41.4 JT	84.8 JT
PH-ROD Sum DDT (U = 1/2 max limit)				21.9 JT	53.0 JT	76.1 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	86.7 JT	339 JT	626 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			83 U	86 U	84 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			83 U	86 U	84 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-04-06-210429	USMPDI-017SC-B-06-08-210429	USMPDI-017SC-B-08-10-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.72 U	8.20 U	6.59 U
Aroclor 1221	SW8082A			6.72 U	6.70 U	6.59 U
Aroclor 1232	SW8082A			6.72 U	18.1 U	12.2 U
Aroclor 1242	SW8082A			18.0 J	10.4 U	6.59 U
Aroclor 1248	SW8082A			6.72 U	17.4 U	16.3 U
Aroclor 1254	SW8082A			27.6 J	30.8 U	44.8 U
Aroclor 1260	SW8082A			20.2 J	32.4 J	67.4 J
Aroclor 1262	SW8082A			6.72 U	6.70 U	6.59 U
Aroclor 1268	SW8082A			6.72 U	6.70 U	6.59 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	86.0 JT	84.9 JT	121 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.27 UJ	5.32 J	5.67 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			21.1 J	1.73 JT	0.469 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			3.3	--	--
Total Solids	SM2540G			58.9	67.2 T	66.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.68	3.87 T	4.66
Cadmium	SW6020B			0.382	0.187 T	0.141 J
Chromium	SW6020B			27.8	26.2 T	29.1
Copper	SW6020B			41.3	30.7 T	33.7
Lead	SW6020B			24.8	17.8 T	13
Manganese	SW6020B			560	476 T	568

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
				USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				4/29/2021	4/29/2021	4/29/2021
				10 - 12 ft	12 - 14 ft	14 - 16 ft
				N	N	N
				7622375.01	7622375.01	7622375.01
				706770.5197	706770.5197	706770.5197
Vanadium	SW6020B			94.7 J	86.2 JT	94.5 J
Zinc	SW6020B			112	77.9 T	71.2
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			631 U	41.5 UT	45.6 U
1,2-Dichloroethene, cis-	SW8260D			631 U	41.5 UT	45.6 U
Benzene	SW8260D			252 U	16.6 UT	18.2 U
Chlorobenzene	SW8260D		320	631 U	41.5 UT	45.6 U
Ethylbenzene	SW8260D			631 U	41.5 UT	45.6 U
m,p-Xylene	SW8260D			1260 U	83.1 UT	91.1 U
o-Xylene	SW8260D			631 U	41.5 UT	45.6 U
Tetrachloroethene (PCE)	SW8260D			631 U	41.5 UT	45.6 U
Toluene	SW8260D			1260 U	83.1 UT	91.1 U
Trichloroethene (TCE)	SW8260D			631 U	41.5 UT	45.6 U
Vinyl chloride	SW8260D			631 U	41.5 UJT	45.6 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				1260 UT	83.1 UT	91.1 UT
PH-ROD Total Xylene (U = 1/2 max limit)				1260 UT	83.1 UT	91.1 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			828 U	726 UJT	712 UJ
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			8940	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			24200	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			658	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			17700	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			11900	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			14900	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			7790	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			12800 J	--	--
Benzo(j)fluoranthene	SW8270ESIM			4250	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			4430 J	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			13700	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			2050 J	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			44100	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			14400	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
				USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				4/29/2021	4/29/2021	4/29/2021
				10 - 12 ft	12 - 14 ft	14 - 16 ft
				N	N	N
				7622375.01	7622375.01	7622375.01
				706770.5197	706770.5197	706770.5197
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			8150 J	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	3820	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			76700	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			53900	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				16500 JT	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	19800 JT	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				178000 JT	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				146000 T	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		324000 JT	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			4/29/2021	4/29/2021	4/29/2021
C1-Naphthalenes	SW8270ESIM			10 - 12 ft	12 - 14 ft	14 - 16 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622375.01	7622375.01	7622375.01
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706770.5197	706770.5197	706770.5197
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			38.8	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			25.6	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			16.7 UJ	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			94.9	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			21.0 J	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			16.7 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				72.8 JT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				124 JT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				134 T	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				46.6 JT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				16.7 UJT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	197 JT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			84 U	72 UT	74 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			84 U	72 UT	74 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-10-12-210429	USMPDI-017SC-B-12-14-210429	USMPDI-017SC-B-14-16-210429
				USMPDI-017SC-B	USMPDI-017SC-B	USMPDI-017SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.63 U	--	--
Aroclor 1221	SW8082A			6.63 U	--	--
Aroclor 1232	SW8082A			6.63 U	--	--
Aroclor 1242	SW8082A			6.63 U	--	--
Aroclor 1248	SW8082A			10.6 U	--	--
Aroclor 1254	SW8082A			30.2 U	--	--
Aroclor 1260	SW8082A			45.6 J	--	--
Aroclor 1262	SW8082A			6.63 U	--	--
Aroclor 1268	SW8082A			6.63 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	85.9 JT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			9.94 J	2.93 UJT	2.89 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-019SC-A	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-16-17.8-210429	USMPDI-019SC-A-10-11-210502	USMPDI-019SC-A-11-11.6-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			NP	--	--
Plastic limit	D4318			NP	--	--
Plasticity index	D4318			NP	--	--
Specific gravity	D854			2.66	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.200 J	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			42.8	--	--
Total organic carbon	SM5310BM			0.72	2	0.99
Total Solids	SM2540G			69.3	61.2	65.6
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			52.8	--	--
Total fines (Reported, not calculated)	D6913			47.2	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			52	--	--
Percent passing 850 micron sieve (#20)	D6913			99	--	--
Percent passing 425 micron sieve (#40)	D6913			99	--	--
Percent passing 250 micron sieve (#60)	D6913			89	--	--
Percent passing 150 micron sieve (#100)	D6913			60	--	--
Percent passing 75 micron sieve (#200)	D6913			47	--	--
Metals (mg/kg)						
Arsenic	SW6020B			3.31	--	--
Cadmium	SW6020B			0.0893 J	--	--
Chromium	SW6020B			20.7	--	--
Copper	SW6020B			23.1	--	--
Lead	SW6020B			4.13	--	--
Manganese	SW6020B			751	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-019SC-A	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-16-17.8-210429	USMPDI-019SC-A-10-11-210502	USMPDI-019SC-A-11-11.6-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			71.1 J	--	--
Zinc	SW6020B			47	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			41.4 U	--	--
1,2-Dichloroethene, cis-	SW8260D			41.4 U	--	--
Benzene	SW8260D			16.6 U	--	--
Chlorobenzene	SW8260D		320	41.4 U	--	--
Ethylbenzene	SW8260D			41.4 U	--	--
m,p-Xylene	SW8260D			82.8 U	--	--
o-Xylene	SW8260D			41.4 U	--	--
Tetrachloroethene (PCE)	SW8260D			41.4 U	--	--
Toluene	SW8260D			82.8 U	--	--
Trichloroethene (TCE)	SW8260D			41.4 U	--	--
Vinyl chloride	SW8260D			41.4 UJ	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				82.8 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				82.8 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	176	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	45.9	--
Pentachlorophenol	SW8270E			34.9 UJ	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	112 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	488	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-019SC-A	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-16-17.8-210429	USMPDI-019SC-A-10-11-210502	USMPDI-019SC-A-11-11.6-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	273 J	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	357	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			4.53	164 J	52.6 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			6.63 U	1240	431
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			0.50 U	93	35.5 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			2.23	279	117
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			3.57 U	999	413
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			4.02 U	1210	439
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			3.07 U	797	275
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-019SC-A	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-16-17.8-210429	USMPDI-019SC-A-10-11-210502	USMPDI-019SC-A-11-11.6-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	833	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			3.85 UJ	1300	424 J
Benzo(j)fluoranthene	SW8270ESIM			1.41 U	471	134
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1.91 UJ	417	194 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	27.2 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	46.5	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			3.88 U	1260	482
Decalin, cis-	SW8270ESIM			--	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	25.0 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			0.76 UJ	144	44.4 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	61.8	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	770 J	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			7.52 U	2690	1170
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			3.09 U	893	247
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-019SC-A	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-16-17.8-210429	USMPDI-019SC-A-10-11-210502	USMPDI-019SC-A-11-11.6-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			2.86 UJ	775	274
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	3.85 U	313 J	114 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	376	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			9.68 U	4500	1870
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			8.80 U	3270	1510
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.07 UJT	1690 T	603 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4.02 UJT	1620 T	582 JT
PH-ROD Total HPAH (U = 1/2 max limit)				8.80 UJT	13000 T	5360 JT
PH-ROD Total LPAH (U = 1/2 max limit)				18.6 T	7500 JT	2870 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		39.5 JT	21000 JT	8230 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	809	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	51.2	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	85.7	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	126	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	558	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	1360	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	505	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-019SC-A	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-16-17.8-210429	USMPDI-019SC-A-10-11-210502	USMPDI-019SC-A-11-11.6-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	171	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	200	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	2140	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	420	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	194	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	304	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	25.8	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	531	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	672	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	451	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	1080	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	134	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	1310	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	217	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	183	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	377	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	25.0 U	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-019SC-A	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-16-17.8-210429	USMPDI-019SC-A-10-11-210502	USMPDI-019SC-A-11-11.6-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	352	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	436	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	364	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	1170	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	90.4	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	712	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	85.4	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	25.0 U	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	25.0 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	107	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	500	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	24.7 J	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	176	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.80 UJ	14.1	3.68 J
2,4'-DDE (o,p'-DDE)	SW8081B			2.80 UJ	4.86 U	3.03 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.80 UJ	3.24 UJ	3.03 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.80 UJ	37.5	8.31 J
4,4'-DDE (p,p'-DDE)	SW8081B			2.80 UJ	12.2 J	3.27 J
4,4'-DDT (p,p'-DDT)	SW8081B			2.80 UJ	38.3 J	3.03 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-019SC-A	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-16-17.8-210429	USMPDI-019SC-A-10-11-210502	USMPDI-019SC-A-11-11.6-210502
				4/29/2021	5/2/2021	5/2/2021
				16 - 17.8 ft	10 - 11 ft	11 - 11.6 ft
				N	N	N
				7622375.01	7622295.184	7622295.184
				706770.5197	706663.94	706663.94
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.80 UJT	18.2 JT	6.71 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.80 UJT	88.0 JT	13.1 JT
PH-ROD Sum DDD (U = 1/2 max limit)				2.80 UJT	51.6 T	12.0 JT
PH-ROD Sum DDE (U = 1/2 max limit)				2.80 UJT	14.6 JT	4.79 JT
PH-ROD Sum DDT (U = 1/2 max limit)				2.80 UJT	39.9 JT	3.03 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	2.80 UJT	106 JT	19.8 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			71 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			71 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000666 J	0.0000300 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000949 J	0.0000217 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00122 J	0.0000394 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00614	0.000129 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00267	0.0000496 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.165 J	0.00399
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	2.57 J	0.0609
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00424 J	0.0000786 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00924 J	0.000323 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0585 J	0.00121 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.373 J	0.00851
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0219 J	0.00153
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0290 J	0.000745 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0145 J	0.000660 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0491 J	0.000994 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0150 J	0.000270 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00318	0.000128 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00396	0.000113 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0523 J	0.00102 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.011	0.000229 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.164	0.00308 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0729 J	0.00485 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0944 J	0.00308 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-017SC-B	USMPDI-019SC-A	USMPDI-019SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-017SC-B-16-17.8-210429	USMPDI-019SC-A-10-11-210502	USMPDI-019SC-A-11-11.6-210502
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.132 J	0.0026
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.147 J	0.00272
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0495 JT	0.00250 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0203 JT	0.000680 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0203 JT	0.000667 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	3.11 JT	0.0739 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.71 U	6.42 U	6.02 U
Aroclor 1221	SW8082A			5.71 U	6.42 U	6.02 U
Aroclor 1232	SW8082A			5.71 U	6.42 U	6.02 U
Aroclor 1242	SW8082A			5.71 U	6.74 J	6.02 U
Aroclor 1248	SW8082A			5.71 U	6.42 U	6.02 U
Aroclor 1254	SW8082A			5.71 U	16.5 J	3.84 J
Aroclor 1260	SW8082A			5.71 U	5.41 J	6.02 U
Aroclor 1262	SW8082A			5.71 U	6.42 U	6.02 U
Aroclor 1268	SW8082A			5.71 U	6.42 U	6.02 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	5.71 UT	47.9 JT	27.9 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	182 J	--
Motor oil range hydrocarbons	NWTPHDx			--	261	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.76 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-019SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-00-02-210502	USMPDI-019SC-B-02-05-210502	USMPDI-019SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			65	--	--
Plastic limit	D4318			44	--	--
Plasticity index	D4318			21	--	--
Specific gravity	D854			2.74	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.794 J	1.08 J	6.58 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			92	--	--
Total organic carbon	SM5310BM			1.9	2	2.1
Total Solids	SM2540G			51	53.2	55.9
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			5.4	--	--
Total fines (Reported, not calculated)	D6913			94.6	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			98	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--
Percent passing 425 micron sieve (#40)	D6913			100	--	--
Percent passing 250 micron sieve (#60)	D6913			100	--	--
Percent passing 150 micron sieve (#100)	D6913			99	--	--
Percent passing 75 micron sieve (#200)	D6913			95	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.14	4.89	4.6
Cadmium	SW6020B			0.206	0.234	0.304
Chromium	SW6020B			26.9	31.5	29.4
Copper	SW6020B			41	47	47.9
Lead	SW6020B			13.1	26.6	29.8
Manganese	SW6020B			518	683	735

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-019SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-00-02-210502	USMPDI-019SC-B-02-05-210502	USMPDI-019SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			83.1	93.5	91.8
Zinc	SW6020B			89.4	107	115
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			77.7 U	72.2 U	70.1 U
1,2-Dichloroethene, cis-	SW8260D			77.7 U	72.2 U	70.1 U
Benzene	SW8260D			31.1 U	28.9 U	28.0 U
Chlorobenzene	SW8260D		320	77.7 U	72.2 U	70.1 U
Ethylbenzene	SW8260D			77.7 U	72.2 U	70.1 U
m,p-Xylene	SW8260D			155 U	144 U	140 U
o-Xylene	SW8260D			77.7 U	72.2 U	70.1 U
Tetrachloroethene (PCE)	SW8260D			77.7 U	72.2 U	70.1 U
Toluene	SW8260D			155 U	144 U	140 U
Trichloroethene (TCE)	SW8260D			77.7 U	72.2 U	70.1 U
Vinyl chloride	SW8260D			77.7 UJ	72.2 UJ	70.1 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				155 UT	144 UT	140 UT
PH-ROD Total Xylene (U = 1/2 max limit)				155 UT	144 UT	140 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	43.4	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	5.6 J	--
Pentachlorophenol	SW8270E			961 U	939 U	885 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	8.0 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	41.8	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-019SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-00-02-210502	USMPDI-019SC-B-02-05-210502	USMPDI-019SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			5/2/2021	5/2/2021	5/2/2021
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			0 - 2 ft	2 - 5 ft	5 - 7 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622295.184	7622295.184	7622295.184
2-Methylanthracene	SW8270DMSIM			706663.94	706663.94	706663.94
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			8.05 J	11.6 J	65.4 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			27.5	125	519
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			11.4	13.8 J	28.9 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			36.2	58	146
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			171	306	338
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			261	342	356
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			175	278	246
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-019SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-00-02-210502	USMPDI-019SC-B-02-05-210502	USMPDI-019SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	241	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			276 J	335	375 J
Benzo(j)fluoranthene	SW8270ESIM			73.4	154	124
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			101 J	133	182 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	24.9 UJ	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	28.4	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			210	362	387
Decalin, cis-	SW8270ESIM			--	24.9 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	24.9 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			43	45.5	40.3 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	19.0 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	39.8 J	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			316	741	1010
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			18.7	74.9	363
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-019SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-00-02-210502	USMPDI-019SC-B-02-05-210502	USMPDI-019SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			192	214	234
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	22.8	26.1 UJ	126
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	306	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			140	469	1320
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			370	742	1050
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				349 JT	565 T	552 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	360 JT	469 T	480 JT
PH-ROD Total HPAH (U = 1/2 max limit)				2200 JT	3650 T	4340 JT
PH-ROD Total LPAH (U = 1/2 max limit)				260 JT	765 JT	2570 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		2500 JT	4420 JT	6910 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	178	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	2.7 J	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	12.8 J	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	39.7	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	32.2	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	289	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	36.3	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-019SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-00-02-210502	USMPDI-019SC-B-02-05-210502	USMPDI-019SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			5/2/2021	5/2/2021	5/2/2021
C1-Naphthalenes	SW8270ESIM			0 - 2 ft	2 - 5 ft	5 - 7 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622295.184	7622295.184	7622295.184
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706663.94	706663.94	706663.94
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	11.7 J	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	32.8	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	159	--
C2-Decalins	SW8270ESIM			--	87.3	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	5.0 J	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	39.7	--
C2-Fluorenes	SW8270DMSIM			--	24.9 U	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	44.4	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	111	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	33.8	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	29.7	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	22.1 J	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	122	--
C3-Decalins	SW8270ESIM			--	47.9	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	24.9 U	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	50.7	--
C3-Dibenzothiophenes	SW8270ESIM			--	24.9 U	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-019SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-00-02-210502	USMPDI-019SC-B-02-05-210502	USMPDI-019SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			5/2/2021	5/2/2021	5/2/2021
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			0 - 2 ft	2 - 5 ft	5 - 7 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622295.184	7622295.184	7622295.184
C3-Fluorenes	SW8270ESIM			706663.94	706663.94	706663.94
C3-Naphthalenes	SW8270DMSIM					
C3-Naphthalenes	SW8270ESIM			--	40.1	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	68.2	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	43.6	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	28.9	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	14.2 J	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	80.7	--
C4-Dibenzothiophenes	SW8270ESIM			--	19.9 J	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	24.9 U	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	24.9 U	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	26.4	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	27.9	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.91 UJ	2.98 J	3.38 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.91 UJ	3.69 U	3.38 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.91 UJ	3.69 UJ	3.38 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			2.64 J	9.7	8.98
4,4'-DDE (p,p'-DDE)	SW8081B			3.91 UJ	5.86 J	6.64 J
4,4'-DDT (p,p'-DDT)	SW8081B			3.91 UJ	3.69 U	3.55 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-019SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-00-02-210502	USMPDI-019SC-B-02-05-210502	USMPDI-019SC-B-05-07-210502
				5/2/2021	5/2/2021	5/2/2021
				0 - 2 ft	2 - 5 ft	5 - 7 ft
				N	N	N
				7622295.184	7622295.184	7622295.184
				706663.94	706663.94	706663.94
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.91 UJT	6.67 JT	3.38 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				6.55 JT	17.4 JT	17.4 JT
PH-ROD Sum DDD (U = 1/2 max limit)				4.60 JT	12.7 JT	10.7 T
PH-ROD Sum DDE (U = 1/2 max limit)				3.91 UJT	7.71 JT	8.33 JT
PH-ROD Sum DDT (U = 1/2 max limit)				3.91 UJT	3.69 UJT	3.55 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	12.4 JT	24.1 JT	22.5 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			94 U	90 U	88 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			94 U	90 U	88 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-019SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-00-02-210502	USMPDI-019SC-B-02-05-210502	USMPDI-019SC-B-05-07-210502
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.78 U	7.50 U	7.00 U
Aroclor 1221	SW8082A			7.78 U	7.50 U	7.00 U
Aroclor 1232	SW8082A			7.78 U	10.3 U	7.00 U
Aroclor 1242	SW8082A			7.78 U	7.50 U	5.62 J
Aroclor 1248	SW8082A			7.78 U	7.50 U	7.00 U
Aroclor 1254	SW8082A			3.98 J	6.54 J	12.8 J
Aroclor 1260	SW8082A			7.78 U	4.12 J	7.48 J
Aroclor 1262	SW8082A			7.78 U	7.50 U	7.00 U
Aroclor 1268	SW8082A			7.78 U	7.50 U	7.00 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	35.1 JT	38.3 JT	46.9 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	63.5	--
Motor oil range hydrocarbons	NWTPHDx			--	183	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.63 UJ	3.64 UJ	3.51 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-020SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-07-10-210502	USMPDI-019SC-B-10-11.6-210502	USMPDI-020SC-A-15-16-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			6.75 J	7.72 J	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2	--	2.6
Total Solids	SM2540G			58.7	62	61.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.87	3.91	--
Cadmium	SW6020B			0.301	0.233	--
Chromium	SW6020B			27.1	27.4	--
Copper	SW6020B			45.3	41.4	--
Lead	SW6020B			27.5	23.8	--
Manganese	SW6020B			609	492	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-020SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-07-10-210502	USMPDI-019SC-B-10-11.6-210502	USMPDI-020SC-A-15-16-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			94.3	87.1	--
Zinc	SW6020B			158	129	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			63.4 U	50.0 U	--
1,2-Dichloroethene, cis-	SW8260D			63.4 U	50.0 U	--
Benzene	SW8260D			25.4 U	20.0 U	--
Chlorobenzene	SW8260D		320	63.4 U	50.0 U	--
Ethylbenzene	SW8260D			63.4 U	50.0 U	--
m,p-Xylene	SW8260D			127 U	100 U	--
o-Xylene	SW8260D			63.4 U	50.0 U	--
Tetrachloroethene (PCE)	SW8260D			63.4 U	50.0 U	--
Toluene	SW8260D			74.9 J	58.5 J	--
Trichloroethene (TCE)	SW8260D			63.4 U	50.0 U	--
Vinyl chloride	SW8260D			63.4 UJ	50.0 UJ	--
PH-ROD Total BTEX (U = 1/2 max limit)				215 JT	169 JT	--
PH-ROD Total Xylene (U = 1/2 max limit)				127 UT	100 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	702
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	631 J
Pentachlorophenol	SW8270E			832 U	794 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	3980 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	1720

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-020SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-07-10-210502	USMPDI-019SC-B-10-11.6-210502	USMPDI-020SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	898 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	1570 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			164	--	5900 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1140	--	8840 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			62.2 J	--	185 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			386	--	4950 J
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			885	--	5500 J
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1030	--	4120 J
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			649	--	2450 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-020SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-07-10-210502	USMPDI-019SC-B-10-11.6-210502	USMPDI-020SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622295.184	7622295.184	7622418.3
				706663.94	706663.94	706701.2205
Benzo(e)pyrene	SW8270ESIM			--	--	2590
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			898 J	--	2730 J
Benzo(j)fluoranthene	SW8270ESIM			313	--	1940
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			458 J	--	1530
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	213 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	648
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			986	--	6700 J
Decalin, cis-	SW8270ESIM			--	--	250 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	109 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			125	--	311 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	701 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	4310
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			2580	--	18000
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			763	--	5380
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-020SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-07-10-210502	USMPDI-019SC-B-10-11.6-210502	USMPDI-020SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			596	--	1780 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	255	--	2400 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	970
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			2970	--	35600
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			2760	--	20500
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1420 JT	--	5920 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1370 JT	--	5400 JT
PH-ROD Total HPAH (U = 1/2 max limit)				11300 JT	--	66000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				5740 JT	--	63000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		17000 JT	--	130000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1960
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	503
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	608
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	85.2 J
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	1810
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	4820
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	2050

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-020SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-07-10-210502	USMPDI-019SC-B-10-11.6-210502	USMPDI-020SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622295.184	7622295.184	7622418.3
				706663.94	706663.94	706701.2205
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	5930
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	314
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	6980
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	489
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	896
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	902
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	250 U
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	1290
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1280
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	1420
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	5740
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	250 U
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	3260
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	244 J
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	792
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	745
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	250 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-020SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-07-10-210502	USMPDI-019SC-B-10-11.6-210502	USMPDI-020SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				706663.94	706663.94	706701.2205
C3-Dibenzothiophenes	SW8270ESIM			--	--	665
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	467
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	956
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	4340
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	250 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1040
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	76.2 J
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	64.1 J
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	250 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	310
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	1570
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	250 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	270
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			6.00 J	--	58.7
2,4'-DDE (o,p'-DDE)	SW8081B			3.40 UJ	--	28.8
2,4'-DDT (o,p'-DDT)	SW8081B			3.40 UJ	--	16.1 U
4,4'-DDD (p,p'-DDD)	SW8081B			14.4 J	--	140
4,4'-DDE (p,p'-DDE)	SW8081B			10.3 J	--	20.2 J
4,4'-DDT (p,p'-DDT)	SW8081B			6.97 UJ	--	27.3 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-020SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-07-10-210502	USMPDI-019SC-B-10-11.6-210502	USMPDI-020SC-A-15-16-210429
				5/2/2021	5/2/2021	4/29/2021
				7 - 10 ft	10 - 11.6 ft	15 - 16 ft
				N	N	N
				7622295.184	7622295.184	7622418.3
				706663.94	706663.94	706701.2205
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				9.40 JT	--	95.6 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				28.2 JT	--	170 JT
PH-ROD Sum DDD (U = 1/2 max limit)				20.4 JT	--	200 T
PH-ROD Sum DDE (U = 1/2 max limit)				12.0 JT	--	49.0 JT
PH-ROD Sum DDT (U = 1/2 max limit)				6.97 UJT	--	27.3 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	37.6 JT	--	270 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			84 U	79 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			84 U	79 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000190 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000380 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000516 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00431
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00151 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.195
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	1.77
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00815 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00897 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0589
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.448
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.0198 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0269
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.0184
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0310 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00845
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00181 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00289
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0287 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00577
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.0680 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0820 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.111 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-019SC-B	USMPDI-019SC-B	USMPDI-020SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-019SC-B-07-10-210502	USMPDI-019SC-B-10-11.6-210502	USMPDI-020SC-A-15-16-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0864 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0952 J
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.0468 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.0176 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.0168 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	2.18 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.57 U	--	6.43 U
Aroclor 1221	SW8082A			6.57 U	--	6.43 U
Aroclor 1232	SW8082A			6.57 U	--	6.43 U
Aroclor 1242	SW8082A			7.44 J	--	6.43 U
Aroclor 1248	SW8082A			6.57 U	--	8.20 U
Aroclor 1254	SW8082A			11.8 J	--	42.3 U
Aroclor 1260	SW8082A			7.28 J	--	80.7 J
Aroclor 1262	SW8082A			6.57 U	--	6.43 U
Aroclor 1268	SW8082A			6.57 U	--	6.43 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	46.2 JT	--	125 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	509
Motor oil range hydrocarbons	NWTPHDx			--	--	388
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.35 UJ	3.19 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-A	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-A-16-17.4-210429	USMPDI-020SC-B-00-02-210429	USMPDI-020SC-B-02-05-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	2.79 J	3.08 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			3.1 T	2.8	1.6
Total Solids	SM2540G			60.1 T	47.1	56.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	4.41	4.52
Cadmium	SW6020B			--	0.184 J	0.228
Chromium	SW6020B			--	27.9	29.2
Copper	SW6020B			--	37.4	41
Lead	SW6020B			--	11.6	18
Manganese	SW6020B			--	627	668

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-A	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-A-16-17.4-210429	USMPDI-020SC-B-00-02-210429	USMPDI-020SC-B-02-05-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			--	82.1 J	86.2 J
Zinc	SW6020B			--	89.2	90.8
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	94.5 U	64.2 U
1,2-Dichloroethene, cis-	SW8260D			--	94.5 U	64.2 U
Benzene	SW8260D			--	37.8 U	25.7 U
Chlorobenzene	SW8260D		320	--	94.5 U	64.2 U
Ethylbenzene	SW8260D			--	94.5 U	64.2 U
m,p-Xylene	SW8260D			--	189 U	128 U
o-Xylene	SW8260D			--	94.5 U	64.2 U
Tetrachloroethene (PCE)	SW8260D			--	94.5 U	64.2 U
Toluene	SW8260D			--	189 U	128 U
Trichloroethene (TCE)	SW8260D			--	94.5 U	64.2 U
Vinyl chloride	SW8260D			--	94.5 UJ	64.2 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				--	189 UT	128 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	189 UT	128 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	58.5
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	14.0 J
Pentachlorophenol	SW8270E			--	502 UJ	421 UJ
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	20.4 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	55.8

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-A	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-A-16-17.4-210429	USMPDI-020SC-B-00-02-210429	USMPDI-020SC-B-02-05-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	15.3 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	13.7 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			15000 JT	50 UJ	38.0 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			21500 JT	94.2 UJ	130 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			587 T	42.0 J	20.3 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			12900 T	113	83.4 J
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			8420 T	541	563 J
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			11100 T	833	588 J
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			6040 T	484	389 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-A	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-A-16-17.4-210429	USMPDI-020SC-B-00-02-210429	USMPDI-020SC-B-02-05-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	411
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			9000 JT	808 J	591 J
Benzo(j)fluoranthene	SW8270ESIM			3040 T	197	292
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			3250 JT	308 J	227
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	4.7 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	22.4 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			9110 T	641	666 J
Decalin, cis-	SW8270ESIM			--	--	25.0 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	25.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			1120 T	106	66.9 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	20.9 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	57.1
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			34700 T	1090	841
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			9730 T	69.5 U	72.4
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-A	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-A-16-17.4-210429	USMPDI-020SC-B-00-02-210429	USMPDI-020SC-B-02-05-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			6030 T	535	348 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	5500 JT	122 UJ	71.0 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	309
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			62800 JT	501 J	485
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			42100 T	1380	1040
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				12300 JT	989 JT	908 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	14300 JT	1100 JT	788 JT
PH-ROD Total HPAH (U = 1/2 max limit)				130000 JT	6920 JT	5610 JT
PH-ROD Total LPAH (U = 1/2 max limit)				130000 JT	824 JT	900 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		260000 JT	7750 JT	6500 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	335
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	4.8 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	22.4 J
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	39.2
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	56.8
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	392
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	41

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-A	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-A-16-17.4-210429	USMPDI-020SC-B-00-02-210429	USMPDI-020SC-B-02-05-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	34.2
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	43.5
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	219
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	118
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	9.7 J
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	71.2
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	9.1 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	78.5
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	159
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	40.3
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	47.4
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	29.6
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	213
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	75.7
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	25.0 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	52.9
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	25.0 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-A	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-A-16-17.4-210429	USMPDI-020SC-B-00-02-210429	USMPDI-020SC-B-02-05-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	83.2
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	76.3
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	65.4
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	52.2
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	24.4 J
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	150
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	26.8
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	9.4 J
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	4.0 J
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	33.6
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	43.1
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	25.0 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	50.6
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			57.2 T	4.22 UJ	3.45 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			26.6 JT	4.22 UJ	3.45 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			33.0 UT	4.22 UJ	3.45 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			103 T	3.72 J	5.42 J
4,4'-DDE (p,p'-DDE)	SW8081B			24.1 JT	4.22 UJ	2.23 J
4,4'-DDT (p,p'-DDT)	SW8081B			148 T	4.22 UJ	3.52 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-A	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-A-16-17.4-210429	USMPDI-020SC-B-00-02-210429	USMPDI-020SC-B-02-05-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				100 JT	4.22 UJT	3.45 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				275 JT	7.94 JT	11.2 JT
PH-ROD Sum DDD (U = 1/2 max limit)				160 T	5.83 JT	7.15 JT
PH-ROD Sum DDE (U = 1/2 max limit)				50.7 JT	4.22 UJT	3.96 JT
PH-ROD Sum DDT (U = 1/2 max limit)				164 T	4.22 UJT	5.25 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	375 JT	14.3 JT	16.3 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	100 U	88 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	100 U	88 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.0000900 UT	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000122 JT	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000356 UT	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00121 JT	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000385 JT	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0916 T	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.809 T	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000814 T	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00127 JT	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0203 JT	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.218 T	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00286 T	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00377 T	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00272 JT	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00416 T	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00116 JT	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000293 JT	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000335 JT	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00576 T	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000961 JT	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0222 T	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0110 JT	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0147 JT	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-A	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-A-16-17.4-210429	USMPDI-020SC-B-00-02-210429	USMPDI-020SC-B-02-05-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0125 JT	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0217 T	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00701 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00280 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00338 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.947 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.49 UT	8.40 U	6.95 U
Aroclor 1221	SW8082A			6.49 UT	8.40 U	6.95 U
Aroclor 1232	SW8082A			6.49 UT	8.40 U	8.34 U
Aroclor 1242	SW8082A			6.49 UT	8.40 U	6.95 U
Aroclor 1248	SW8082A			6.49 UT	8.40 U	6.95 U
Aroclor 1254	SW8082A			18.7 UT	8.40 U	6.95 U
Aroclor 1260	SW8082A			31.6 JT	8.40 U	4.50 J
Aroclor 1262	SW8082A			6.49 UT	8.40 U	6.95 U
Aroclor 1268	SW8082A			6.49 UT	8.40 U	6.95 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	63.7 JT	8.40 UT	33.0 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	82.4
Motor oil range hydrocarbons	NWTPHDx			--	--	184
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	3.94 UJ	3.64 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-05-07-210429	USMPDI-020SC-B-07-10-210429	USMPDI-020SC-B-10-13-210429
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	74
Plastic limit	D4318			--	--	39
Plasticity index	D4318			--	--	35
Specific gravity	D854			--	--	2.68
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			8.34 J	26.0 J	3.30 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	67.5
Total organic carbon	SM5310BM			2.1	2.3	2.5
Total Solids	SM2540G			56.7	57.6	60
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	16.8
Total fines (Reported, not calculated)	D6913			--	--	83.2
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	89
Percent passing 850 micron sieve (#20)	D6913			--	--	100
Percent passing 425 micron sieve (#40)	D6913			--	--	99
Percent passing 250 micron sieve (#60)	D6913			--	--	99
Percent passing 150 micron sieve (#100)	D6913			--	--	96
Percent passing 75 micron sieve (#200)	D6913			--	--	83
Metals (mg/kg)						
Arsenic	SW6020B			4.9	5.67	5.21
Cadmium	SW6020B			0.341	0.417	0.325
Chromium	SW6020B			30.7	31.9	29.9
Copper	SW6020B			45.2	49	44.1
Lead	SW6020B			27.9	32.9	22.8
Manganese	SW6020B			878	784	695

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-05-07-210429	USMPDI-020SC-B-07-10-210429	USMPDI-020SC-B-10-13-210429
				USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			97.7 J	106 J	98.3 J
Zinc	SW6020B			114	187	108
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			59.6 U	64.3 U	58.7 U
1,2-Dichloroethene, cis-	SW8260D			59.6 U	64.3 U	58.7 U
Benzene	SW8260D			23.9 U	25.7 U	23.5 U
Chlorobenzene	SW8260D		320	59.6 U	64.3 U	58.7 U
Ethylbenzene	SW8260D			59.6 U	64.3 U	58.7 U
m,p-Xylene	SW8260D			119 U	129 U	117 U
o-Xylene	SW8260D			59.6 U	64.3 U	58.7 U
Tetrachloroethene (PCE)	SW8260D			59.6 U	64.3 U	58.7 U
Toluene	SW8260D			119 U	129 U	84.6 J
Trichloroethene (TCE)	SW8260D			59.6 U	64.3 U	58.7 U
Vinyl chloride	SW8260D			59.6 U	64.3 U	58.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				119 UT	129 UT	214 JT
PH-ROD Total Xylene (U = 1/2 max limit)				119 UT	129 UT	117 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			426 UJ	846 UJ	403 UJ
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-05-07-210429	USMPDI-020SC-B-07-10-210429	USMPDI-020SC-B-10-13-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			411 UJ	381 UJ	1410 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1970 J	2040 J	2070 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			64	145	177
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			668	1390	2050
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			795	2660	1730
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			851	3410	1930
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			555	2100	1090
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-05-07-210429	USMPDI-020SC-B-07-10-210429	USMPDI-020SC-B-10-13-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			781 J	3000 J	1830 J
Benzo(j)fluoranthene	SW8270ESIM			239	959	508
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			363 J	1360 J	711 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			884	2750	1980
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			106	500	242
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			2630	6440	5850
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1320	1290	1550
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-05-07-210429	USMPDI-020SC-B-07-10-210429	USMPDI-020SC-B-10-13-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			528	2100	1220
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	751 J	601 J	2020 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			3760 J	6500 J	8440 J
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			2660	7330	7160
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1160 JT	4400 JT	2310 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1150 JT	4600 JT	2590 JT
PH-ROD Total HPAH (U = 1/2 max limit)				10400 JT	33000 JT	24300 JT
PH-ROD Total LPAH (U = 1/2 max limit)				8740 JT	12000 JT	17700 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		19100 JT	45000 JT	42000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-05-07-210429	USMPDI-020SC-B-07-10-210429	USMPDI-020SC-B-10-13-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			4/29/2021	4/29/2021	4/29/2021
C1-Naphthalenes	SW8270ESIM			5 - 7 ft	7 - 10 ft	10 - 13 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622418.3	7622418.3	7622418.3
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706701.2205	706701.2205	706701.2205
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-05-07-210429	USMPDI-020SC-B-07-10-210429	USMPDI-020SC-B-10-13-210429
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.52 U	17.0 U	81.9
2,4'-DDE (o,p'-DDE)	SW8081B			3.52 U	17.0 U	20
2,4'-DDT (o,p'-DDT)	SW8081B			3.52 U	17.0 U	10.3 U
4,4'-DDD (p,p'-DDD)	SW8081B			8.01 J	34.4	247
4,4'-DDE (p,p'-DDE)	SW8081B			4.91	9.55 J	16.5 J
4,4'-DDT (p,p'-DDT)	SW8081B			3.52 U	252	356

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
	Sample ID			USMPDI-020SC-B-05-07-210429	USMPDI-020SC-B-07-10-210429	USMPDI-020SC-B-10-13-210429
	Sample Date			4/29/2021	4/29/2021	4/29/2021
	Depth			5 - 7 ft	7 - 10 ft	10 - 13 ft
	Sample Type			N	N	N
	Easting			7622418.3	7622418.3	7622418.3
	Northing			706701.2205	706701.2205	706701.2205
	Analytical Method	Site-Wide RAL	PTW Threshold			
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.52 UT	17.0 UT	107 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				14.7 JT	296 JT	620 JT
PH-ROD Sum DDD (U = 1/2 max limit)				9.77 JT	42.9 T	329 T
PH-ROD Sum DDE (U = 1/2 max limit)				6.67 T	18.1 JT	36.5 JT
PH-ROD Sum DDT (U = 1/2 max limit)				3.52 UT	261 T	361 T
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	20.0 JT	321 JT	727 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			91 U	87 U	80 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			91 U	87 U	80 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-05-07-210429	USMPDI-020SC-B-07-10-210429	USMPDI-020SC-B-10-13-210429
				USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-020SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.75 U	6.57 U	6.40 U
Aroclor 1221	SW8082A			6.75 U	6.57 U	6.40 U
Aroclor 1232	SW8082A			6.75 U	6.57 U	6.40 U
Aroclor 1242	SW8082A			11.6 J	16.0 J	6.40 U
Aroclor 1248	SW8082A			6.75 U	6.57 U	8.16 U
Aroclor 1254	SW8082A			22.0 J	26.4 J	17.6 U
Aroclor 1260	SW8082A			16.3 J	20.5 J	17.6 J
Aroclor 1262	SW8082A			6.75 U	6.57 U	6.40 U
Aroclor 1268	SW8082A			6.75 U	6.57 U	6.40 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	70.2 JT	82.6 JT	49.7 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.54 UJ	3.37 UJ	3.25 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-13-15-210429	USMPDI-020SC-B-15-17.4-210429	USMPDI-024SC-A-08-09-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	--	2
Total Solids	SM2540G			59.5	61.4	58.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-13-15-210429	USMPDI-020SC-B-15-17.4-210429	USMPDI-024SC-A-08-09-210430
	Sample ID			USMPDI-020SC-B-13-15-210429	USMPDI-020SC-B-15-17.4-210429	USMPDI-024SC-A-08-09-210430
	Sample Date			4/29/2021	4/29/2021	4/30/2021
	Depth			13 - 15 ft	15 - 17.4 ft	8 - 9 ft
	Sample Type			N	N	N
	Easting			7622418.3	7622418.3	7622445.427
	Northing			706701.2205	706701.2205	706556.9865
	Analytical Method					
	Site-Wide RAL					
	PTW Threshold					
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			62.5 U	56.0 UJ	--
1,2-Dichloroethene, cis-	SW8260D			62.5 U	56.0 UJ	--
Benzene	SW8260D			25.0 U	18.4 J	--
Chlorobenzene	SW8260D		320	62.5 U	56.0 UJ	--
Ethylbenzene	SW8260D			62.5 U	342 J	--
m,p-Xylene	SW8260D			125 U	112 UJ	--
o-Xylene	SW8260D			62.5 U	53.6 J	--
Tetrachloroethene (PCE)	SW8260D			62.5 U	56.0 UJ	--
Toluene	SW8260D			125 U	112 UJ	--
Trichloroethene (TCE)	SW8260D			62.5 U	56.0 UJ	--
Vinyl chloride	SW8260D			62.5 U	56.0 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				125 UT	526 JT	--
PH-ROD Total Xylene (U = 1/2 max limit)				125 UT	110 JT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	97.9
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	39.2 J
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	62.9 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	165

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-13-15-210429	USMPDI-020SC-B-15-17.4-210429	USMPDI-024SC-A-08-09-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	69.4 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	70.3 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	--	138 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	--	1770 UJ
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	--	17.6 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	--	333
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	--	670
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	--	739
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	413 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-13-15-210429	USMPDI-020SC-B-15-17.4-210429	USMPDI-024SC-A-08-09-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622418.3	7622418.3	7622445.427
				706701.2205	706701.2205	706556.9865
Benzo(e)pyrene	SW8270ESIM			--	--	424
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	463
Benzo(j)fluoranthene	SW8270ESIM			--	--	205 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	213
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	7.0 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	5.0 U
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	--	826
Decalin, cis-	SW8270ESIM			--	--	5.0 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	15.8 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	24.8 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	238 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	150
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	--	2420
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	--	946 UJ
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-13-15-210429	USMPDI-020SC-B-15-17.4-210429	USMPDI-024SC-A-08-09-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	296 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	--	168 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	222
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	--	3240
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	--	2250
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	--	831 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	--	900 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	--	8500 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	--	5250 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	--	14000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	402
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	16.2
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	69.6
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	27.4
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	113
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	765
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	231

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-13-15-210429	USMPDI-020SC-B-15-17.4-210429	USMPDI-024SC-A-08-09-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				4/29/2021	4/29/2021	4/30/2021
				13 - 15 ft	15 - 17.4 ft	8 - 9 ft
				N	N	N
				7622418.3	7622418.3	7622445.427
				706701.2205	706701.2205	706556.9865
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	134
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	88.3
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	819
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	174
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	26.7
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	179
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	5.1
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	143
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	307
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	163
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	376
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	69.1
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	505
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	81.7
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	15.3
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	128
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	1.3 J
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-13-15-210429	USMPDI-020SC-B-15-17.4-210429	USMPDI-024SC-A-08-09-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	122
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	173
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	136
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	385
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	49.6
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	333
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	24.8
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	14.5
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	5.0 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	67.7
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	188
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	18.9
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	129
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	6.74 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	6.74 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	6.74 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	15
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	7.75
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	6.74 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-024SC-A
	Sample ID			USMPDI-020SC-B-13-15-210429	USMPDI-020SC-B-15-17.4-210429	USMPDI-024SC-A-08-09-210430
	Sample Date			4/29/2021	4/29/2021	4/30/2021
	Depth			13 - 15 ft	15 - 17.4 ft	8 - 9 ft
	Sample Type			N	N	N
	Easting			7622418.3	7622418.3	7622445.427
	Northing			706701.2205	706701.2205	706556.9865
	Analytical Method	Site-Wide RAL	PTW Threshold			
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	6.74 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	26.1 T
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	18.4 T
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	11.1 T
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	6.74 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	36.2 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.0000865 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000119 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000427 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000308 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000404 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.00513
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	0.0505
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.0000865 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.000133 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00250 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.0109
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.000833
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.00210 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.000787 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.00476
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00117 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000221 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000241 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.003
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.000825 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.00536
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.00278 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.00552 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-020SC-B	USMPDI-020SC-B	USMPDI-024SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-020SC-B-13-15-210429	USMPDI-020SC-B-15-17.4-210429	USMPDI-024SC-A-08-09-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			4/29/2021	4/29/2021	4/30/2021
Total Heptachlorodibenzofuran (HpCDF)	E1613B			13 - 15 ft	15 - 17.4 ft	8 - 9 ft
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				N	N	N
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				7622418.3	7622418.3	7622445.427
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				706701.2205	706701.2205	706556.9865
PH-ROD Total PCDD/F (U = 1/2 max limit)						
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	6.41 U
Aroclor 1221	SW8082A			--	--	6.41 U
Aroclor 1232	SW8082A			--	--	6.41 U
Aroclor 1242	SW8082A			--	--	12.9 J
Aroclor 1248	SW8082A			--	--	6.41 U
Aroclor 1254	SW8082A			--	--	19.5 J
Aroclor 1260	SW8082A			--	--	11.0 J
Aroclor 1262	SW8082A			--	--	6.41 U
Aroclor 1268	SW8082A			--	--	6.41 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	62.6 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	160 J
Motor oil range hydrocarbons	NWTPHDx			--	--	279 J
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-A	USMPDI-024SC-B	USMPDI-024SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-A-09-9.7-210430	USMPDI-024SC-B-00-02-210430	USMPDI-024SC-B-02-05-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	65	--
Plastic limit	D4318			--	49	--
Plasticity index	D4318			--	16	--
Specific gravity	D854			--	2.6	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	1.52 J	0.411 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	90	--
Total organic carbon	SM5310BM			2.1	2	2.3
Total Solids	SM2540G			59.9	50.5	52.5
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	9.7	--
Total fines (Reported, not calculated)	D6913			--	90.3	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	98	--
Percent passing 110 micron sieve (#140)	D6913			--	96	--
Percent passing 850 micron sieve (#20)	D6913			--	98	--
Percent passing 425 micron sieve (#40)	D6913			--	98	--
Percent passing 250 micron sieve (#60)	D6913			--	97	--
Percent passing 150 micron sieve (#100)	D6913			--	97	--
Percent passing 75 micron sieve (#200)	D6913			--	90	--
Metals (mg/kg)						
Arsenic	SW6020B			--	4.69	4.99
Cadmium	SW6020B			--	0.184 J	0.253
Chromium	SW6020B			--	30.2	30.8
Copper	SW6020B			--	37.4	47.4
Lead	SW6020B			--	14.8	16.5
Manganese	SW6020B			--	627	808

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-A	USMPDI-024SC-B	USMPDI-024SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-A-09-9.7-210430	USMPDI-024SC-B-00-02-210430	USMPDI-024SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			--	87.3 J	96.3
Zinc	SW6020B			--	84.8	103
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	76.4 U	82.6 U
1,2-Dichloroethene, cis-	SW8260D			--	76.4 U	82.6 U
Benzene	SW8260D			--	30.6 U	33.0 U
Chlorobenzene	SW8260D		320	--	76.4 U	82.6 U
Ethylbenzene	SW8260D			--	76.4 U	82.6 U
m,p-Xylene	SW8260D			--	153 U	165 U
o-Xylene	SW8260D			--	76.4 U	82.6 U
Tetrachloroethene (PCE)	SW8260D			--	76.4 U	82.6 U
Toluene	SW8260D			--	153 U	165 U
Trichloroethene (TCE)	SW8260D			--	76.4 U	82.6 U
Vinyl chloride	SW8260D			--	76.4 U	82.6 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	153 UT	165 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	153 UT	165 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	31.7
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	6.1 J
Pentachlorophenol	SW8270E			--	487 UJ	471 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	9.0 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	36.4

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-A	USMPDI-024SC-B	USMPDI-024SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-A-09-9.7-210430	USMPDI-024SC-B-00-02-210430	USMPDI-024SC-B-02-05-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	11.2 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	6.8 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			317	26.3	13.8 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1510	53	114 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			100 J	22.7 J	6.9 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			758	63.8	40.1
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1570	252	176
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1980	382	275
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1220	245	133 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-A	USMPDI-024SC-B	USMPDI-024SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-A-09-9.7-210430	USMPDI-024SC-B-00-02-210430	USMPDI-024SC-B-02-05-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	166
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1830 J	386 J	219 J
Benzo(j)fluoranthene	SW8270ESIM			624	101	70.8 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			849 J	140 J	84.2 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270ESIM			--	--	1.8 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	5.0 U
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1600	284	214
Decalin, cis-	SW8270ESIM			--	--	5.0 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	5.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			305	56	9.9 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	15.0 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	23.8
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			4190	479	472 J
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			893	39.2	72.6 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-A	USMPDI-024SC-B	USMPDI-024SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-A-09-9.7-210430	USMPDI-024SC-B-00-02-210430	USMPDI-024SC-B-02-05-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1290	265	116 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	597	62.5	25.9 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	209
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			4620	262	386
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			4510	560	513 J
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2690 JT	490 JT	288 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2700 JT	520 JT	330 JT
PH-ROD Total HPAH (U = 1/2 max limit)				20000 JT	3200 JT	2300 JT
PH-ROD Total LPAH (U = 1/2 max limit)				8800 JT	530 JT	660 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		29000 JT	3700 JT	2900 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	134
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	2.8 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	16.9
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	9.5
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	26.5
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	198
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	33.3

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-A	USMPDI-024SC-B	USMPDI-024SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-A-09-9.7-210430	USMPDI-024SC-B-00-02-210430	USMPDI-024SC-B-02-05-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	14
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	34.1
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	162
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	79.4
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	5
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	39.6
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	2.6 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	41
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	103
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	26.7
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	40.8
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	30.9
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	146
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	36.9
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	5.3
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	53.1
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	5.0 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-A	USMPDI-024SC-B	USMPDI-024SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-A-09-9.7-210430	USMPDI-024SC-B-00-02-210430	USMPDI-024SC-B-02-05-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	40.7
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	68.6
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	29.8
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	44.2
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	12.4
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	103
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	14
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	5.8
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	5.0 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	30.3
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	38.8
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	13.6
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	33.6
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			6.61 U	3.87 U	3.78 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			6.61 U	3.87 U	3.78 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			6.61 U	3.87 U	3.78 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			12.7	2.75 J	5.35 J
4,4'-DDE (p,p'-DDE)	SW8081B			6.61 U	3.87 U	2.78 J
4,4'-DDT (p,p'-DDT)	SW8081B			6.61 U	3.87 U	2.12 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-A	USMPDI-024SC-B	USMPDI-024SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-A-09-9.7-210430	USMPDI-024SC-B-00-02-210430	USMPDI-024SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				6.61 UT	3.87 UT	3.78 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				19.3 T	6.62 JT	10.3 JT
PH-ROD Sum DDD (U = 1/2 max limit)				16.0 T	4.69 JT	7.24 JT
PH-ROD Sum DDE (U = 1/2 max limit)				6.61 UT	3.87 UT	4.67 JT
PH-ROD Sum DDT (U = 1/2 max limit)				6.61 UT	3.87 UT	4.01 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	29.2 T	12.4 JT	15.9 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	95 UJ	92 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	95 UJ	92 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000110 U	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000160 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000458 U	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000485 J	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000414 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0088	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.11	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000110 U	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000231 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00382 J	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.02	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00226	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00323	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00132 J	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.00481	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00144 J	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000325 J	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000391 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00382	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00143 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0106	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00711 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.00835 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-A	USMPDI-024SC-B	USMPDI-024SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-A-09-9.7-210430	USMPDI-024SC-B-00-02-210430	USMPDI-024SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0107 J	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0111	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0048 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0020 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0018 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.15 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.37 U	7.91 U	7.14 U
Aroclor 1221	SW8082A			6.37 U	7.91 U	7.14 U
Aroclor 1232	SW8082A			6.37 U	7.91 U	7.14 U
Aroclor 1242	SW8082A			17.1 J	7.91 U	3.85 J
Aroclor 1248	SW8082A			6.37 U	7.91 U	7.14 U
Aroclor 1254	SW8082A			23.9 J	7.91 U	9.96 J
Aroclor 1260	SW8082A			15.7 J	7.91 U	5.90 J
Aroclor 1262	SW8082A			6.37 U	7.91 U	7.14 U
Aroclor 1268	SW8082A			6.37 U	7.91 U	7.14 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	75.8 JT	7.91 UT	41.1 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	87
Motor oil range hydrocarbons	NWTPHDx			--	--	220
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	3.8 UJ	3.84 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-B	USMPDI-024SC-B	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-B-05-07-210430	USMPDI-024SC-B-07-9.7-210430	USMPDI-025SC-A-11-12-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			7.30 JT	9.35 J	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.4 T	--	2.5
Total Solids	SM2540G			54.2 T	58.6	60.2
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.45 T	4.73	--
Cadmium	SW6020B			0.335 T	0.303	--
Chromium	SW6020B			33.5 T	29.4	--
Copper	SW6020B			48.0 T	47.2	--
Lead	SW6020B			31.9 T	31.5	--
Manganese	SW6020B			870 T	801	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-B	USMPDI-024SC-B	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-B-05-07-210430	USMPDI-024SC-B-07-9.7-210430	USMPDI-025SC-A-11-12-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			100 JT	102	--
Zinc	SW6020B			109 T	151	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			68.3 UT	62.5 U	--
1,2-Dichloroethene, cis-	SW8260D			68.3 UT	62.5 U	--
Benzene	SW8260D			27.3 UT	25.0 U	--
Chlorobenzene	SW8260D		320	68.3 UT	62.5 U	--
Ethylbenzene	SW8260D			68.3 UT	62.5 U	--
m,p-Xylene	SW8260D			137 UT	125 U	--
o-Xylene	SW8260D			68.3 UT	62.5 U	--
Tetrachloroethene (PCE)	SW8260D			68.3 UT	62.5 U	--
Toluene	SW8260D			137 UT	125 U	--
Trichloroethene (TCE)	SW8260D			68.3 UT	62.5 U	--
Vinyl chloride	SW8260D			68.3 UT	62.5 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				137 UT	125 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				137 UT	125 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			53.9 T	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			15.8 JT	--	--
Pentachlorophenol	SW8270E			432 UJT	422 UJ	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			21.4 JT	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			62.4 T	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-B	USMPDI-024SC-B	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-B-05-07-210430	USMPDI-024SC-B-07-9.7-210430	USMPDI-025SC-A-11-12-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			17.3 JT	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			15.2 JT	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			37.8 JT	--	654 UJ
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			123 JT	--	1950 U
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			11.5 JT	--	106 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			87.3 T	--	1640
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			291 T	--	1070
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			426 T	--	1060
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			218 JT	--	673
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-B	USMPDI-024SC-B	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-B-05-07-210430	USMPDI-024SC-B-07-9.7-210430	USMPDI-025SC-A-11-12-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			256 T	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			327 T	--	1090 J
Benzo(j)fluoranthene	SW8270ESIM			113 JT	--	295
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			124 T	--	303 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			4.6 JT	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			1.7 JT	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			368 T	--	1250
Decalin, cis-	SW8270ESIM			5.0 UJT	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			10.8 JT	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			14.1 JT	--	165 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			36.6 JT	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			38.1 T	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			890 T	--	4150
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			79.0 JT	--	1330 U
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-B	USMPDI-024SC-B	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-B-05-07-210430	USMPDI-024SC-B-07-9.7-210430	USMPDI-025SC-A-11-12-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			176 JT	--	737 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	76.1 JT	--	451 U
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			255 T	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			572 T	--	7130
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			996 T	--	4940
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				455 JT	--	1270 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	510 JT	--	1480 JT
PH-ROD Total HPAH (U = 1/2 max limit)				3900 JT	--	15700 JT
PH-ROD Total LPAH (U = 1/2 max limit)				986 JT	--	11100 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		4900 JT	--	26800 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			232 T	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			3.7 JT	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			59.6 T	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			15.1 T	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			50.3 T	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			359 T	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			46.4 T	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-B	USMPDI-024SC-B	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-B-05-07-210430	USMPDI-024SC-B-07-9.7-210430	USMPDI-025SC-A-11-12-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			39.8 T	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			59.8 T	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			288 T	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			123 T	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			7.4 T	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			110 T	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			2.9 JT	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			82.2 T	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			192 T	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			64.3 T	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			66.0 T	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			57.3 T	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			300 T	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			57.6 T	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			13.5 T	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			142 T	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			5.0 UT	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-B	USMPDI-024SC-B	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-B-05-07-210430	USMPDI-024SC-B-07-9.7-210430	USMPDI-025SC-A-11-12-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			86.0 T	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			123 T	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			69.2 T	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			117 T	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			45.1 T	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			228 T	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			26.2 T	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			61.4 T	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			5.0 UT	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			50.7 T	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			83.6 T	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			20.9 T	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			98.2 T	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.56 UT	--	67.5
2,4'-DDE (o,p'-DDE)	SW8081B			3.56 UT	--	26.5
2,4'-DDT (o,p'-DDT)	SW8081B			3.56 UT	--	4.90 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			6.64 JT	--	257
4,4'-DDE (p,p'-DDE)	SW8081B			4.09 JT	--	17.0 J
4,4'-DDT (p,p'-DDT)	SW8081B			157 T	--	174

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-B	USMPDI-024SC-B	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-B-05-07-210430	USMPDI-024SC-B-07-9.7-210430	USMPDI-025SC-A-11-12-210428
				4/30/2021	4/30/2021	4/28/2021
				5 - 7 ft	7 - 9.7 ft	11 - 12 ft
				N	N	N
				7622445.427	7622445.427	7622508.502
				706556.9865	706556.9865	706614.1886
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.56 UT	--	96.5 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				168 JT	--	448 JT
PH-ROD Sum DDD (U = 1/2 max limit)				8.42 JT	--	325 T
PH-ROD Sum DDE (U = 1/2 max limit)				5.87 JT	--	43.5 JT
PH-ROD Sum DDT (U = 1/2 max limit)				159 T	--	176 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	173 JT	--	544 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			91 UJT	84 UJ	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			91 UJT	84 UJ	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.00113 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000821 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00112 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00603 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00249
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.149
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	2.6
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.0106 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00890 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0501 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.387
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.012
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0165
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.0107
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0412
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0131
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00162 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00529
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0685
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0111
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.143
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0528 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0787 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-024SC-B	USMPDI-024SC-B	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-024SC-B-05-07-210430	USMPDI-024SC-B-07-9.7-210430	USMPDI-025SC-A-11-12-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.13 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.188
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.034 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.017 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.017 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	3.1 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.12 UT	--	6.62 U
Aroclor 1221	SW8082A			7.12 UT	--	6.62 U
Aroclor 1232	SW8082A			7.12 UT	--	13.9 U
Aroclor 1242	SW8082A			8.16 JT	--	6.62 U
Aroclor 1248	SW8082A			7.12 UT	--	11.3 U
Aroclor 1254	SW8082A			19.5 JT	--	20.2 U
Aroclor 1260	SW8082A			12.4 JT	--	19.9
Aroclor 1262	SW8082A			94.2 JT	--	6.62 U
Aroclor 1268	SW8082A			7.12 UT	--	6.62 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	152 JT	--	59.2 T
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			143 T	--	--
Motor oil range hydrocarbons	NWTPHDx			285 T	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.68 UJT	3.42 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	USMPDI-025SC-A				
		Sample ID	USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428	
	Sample Date	4/28/2021	4/28/2021	4/28/2021		
	Depth	12 - 13 ft	13 - 14 ft	14 - 15.1 ft		
	Sample Type	N	N	N		
	Easting	7622508.502	7622508.502	7622508.502		
	Northing	706614.1886	706614.1886	706614.1886		
	Analytical Method	Site-Wide RAL	PTW Threshold			
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.6	3.1	2.6
Total Solids	SM2540G			60.9	58.3	62.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-A	USMPDI-025SC-A	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428
				USMPDI-025SC-A	USMPDI-025SC-A	USMPDI-025SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			434	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			235	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			983	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			1030	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-A	USMPDI-025SC-A	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			562	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			538	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			1100	3410 UJ	5200 UJ
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			4190	6200 U	9710 U
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			171	244 J	231 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			2700	6140	3810
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			3010	5890	2440
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			3250	6770	2680
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			2160	3840	1580
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-A	USMPDI-025SC-A	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428
				Sample ID 4/28/2021	Sample ID 4/28/2021	Sample ID 4/28/2021
				Sample Date 12 - 13 ft	Sample Date 13 - 14 ft	Sample Date 14 - 15.1 ft
				Depth N	Depth N	Depth N
				Sample Type 7622508.502	Sample Type 7622508.502	Sample Type 7622508.502
				Easting 706614.1886	Easting 706614.1886	Easting 706614.1886
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			2310	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			3170	6080 J	2640 J
Benzo(j)fluoranthene	SW8270ESIM			1300	1590 J	650 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1200	2350 J	978 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			60 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			239	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			4000	6550	2940
Decalin, cis-	SW8270ESIM			25 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			48.2 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			466 J	850 J	398 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			235	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			1590	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			12700	18200	10400
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			2160	4040 U	4830 U
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-A	USMPDI-025SC-A	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			2320 J	4310 J	1780 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	823 J	1050 U	1500 U
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			1050	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			16500	25600	23700
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			15300	21900	12500
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				4700 T	7780 JT	3200 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4500 JT	9100 JT	3670 JT
PH-ROD Total HPAH (U = 1/2 max limit)				49000 JT	78000 JT	39000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				28000 JT	39300 JT	38400 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		77000 JT	120000 JT	77000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			1480	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			125	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			227	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			218	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			936	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			2710	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			1090	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-A	USMPDI-025SC-A	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			1280	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			256	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			4260	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			584	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			347	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			752	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			44.8	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			875	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			869	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			961	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			2500	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			133	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			2190	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			309	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			466	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			706	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			15.7 J	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-A	USMPDI-025SC-A	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428
				4/28/2021	4/28/2021	4/28/2021
				12 - 13 ft	13 - 14 ft	14 - 15.1 ft
				N	N	N
				7622508.502	7622508.502	7622508.502
				706614.1886	706614.1886	706614.1886
C3-Dibenzothiophenes	SW8270ESIM			558	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			412	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			759	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			2640	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			99.2	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			1130	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			103	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			25 U	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25 U	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			291	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			1290	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			21.5 J	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			198	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			128	69.7	24.1
2,4'-DDE (o,p'-DDE)	SW8081B			36	36	9.66
2,4'-DDT (o,p'-DDT)	SW8081B			16.4 UJ	17.1 UJ	6.15 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			406	184	60
4,4'-DDE (p,p'-DDE)	SW8081B			29.5 J	24.6 J	6.55 J
4,4'-DDT (p,p'-DDT)	SW8081B			186	26.8	165

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-A	USMPDI-025SC-A	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
				USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428
		4/28/2021	12 - 13 ft	N	7622508.502	706614.1886
		4/28/2021	13 - 14 ft	N	7622508.502	706614.1886
		4/28/2021	14 - 15.1 ft	N	7622508.502	706614.1886
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				172 JT	114 JT	36.8 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				622 JT	235 JT	232 JT
PH-ROD Sum DDD (U = 1/2 max limit)				534 T	254 T	84.1 T
PH-ROD Sum DDE (U = 1/2 max limit)				65.5 JT	60.6 JT	16.2 JT
PH-ROD Sum DDT (U = 1/2 max limit)				194 JT	35.4 JT	168 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	794 JT	350 JT	268 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000721 J	0.0000780 U	0.000166 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00144 J	0.000201 U	0.000373 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00150 J	0.000447 U	0.00110 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00983	0.000526 U	0.00359 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00407	0.000568 U	0.00124 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.317	0.025	0.225
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			4	0.26	2.78
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0204 J	0.0000780 U	0.00491
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0197 J	0.00134 J	0.00863 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.104 J	0.0048	0.0540 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.768	0.0548	0.512
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0526	0.00257	0.0277
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0577	0.00504	0.0218
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.037	0.00328	0.019
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0974	0.00652	0.0285
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0256	0.00187 J	0.00788
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0083	0.000647 J	0.00319 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0101	0.000779 J	0.00448
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.109	0.00495	0.0457
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.02	0.00143 U	0.00794
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.24	0.00877	0.133
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.184 J	0.00785 J	0.111 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.214 J	0.0172 J	0.112 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-A	USMPDI-025SC-A	USMPDI-025SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428
				USMPDI-025SC-A-12-13-210428	USMPDI-025SC-A-13-14-210428	USMPDI-025SC-A-14-15.1-210428
				4/28/2021	4/28/2021	4/28/2021
				12 - 13 ft	13 - 14 ft	14 - 15.1 ft
				N	N	N
				7622508.502	7622508.502	7622508.502
				706614.1886	706614.1886	706614.1886
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.233 J	0.0151 J	0.0879 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.297	0.0122	0.151
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.11 JT	0.0076 JT	0.0549 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.043 JT	0.0034 JT	0.0182 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.042 JT	0.0030 JT	0.0181 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				5.0 JT	0.32 JT	3.31 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.21 U	6.58 U	6.19 U
Aroclor 1221	SW8082A			6.21 U	6.58 U	6.19 U
Aroclor 1232	SW8082A			9.94 U	6.58 U	6.19 U
Aroclor 1242	SW8082A			6.21 U	6.58 U	6.19 U
Aroclor 1248	SW8082A			11.6 U	6.58 U	6.19 U
Aroclor 1254	SW8082A			26.2 U	6.58 U	6.19 U
Aroclor 1260	SW8082A			37.5	175 J	73.5 J
Aroclor 1262	SW8082A			6.21 U	6.58 U	6.19 U
Aroclor 1268	SW8082A			6.21 U	6.58 U	6.19 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	76.9 T	201 JT	98.3 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			568	--	--
Motor oil range hydrocarbons	NWTPHDx			519	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-00-02-210428	USMPDI-025SC-B-02-05-210428	USMPDI-025SC-B-05-07-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			3.17 J	3.25 J	8.59 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.6	2.1	2.2
Total Solids	SM2540G			45.7	52.5	55.6
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.45	4.25	4.62
Cadmium	SW6020B			0.176 J	0.189	0.319
Chromium	SW6020B			26.3	25.2	29.1
Copper	SW6020B			39.9	40.2	46.7
Lead	SW6020B			10.7	14.2	30.1
Manganese	SW6020B			632	754	842

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID Sample ID Sample Date Depth Sample Type Easting Northing			USMPDI-025SC-B USMPDI-025SC-B-00-02-210428 4/28/2021 0 - 2 ft N 7622508.502 706614.1886	USMPDI-025SC-B USMPDI-025SC-B-02-05-210428 4/28/2021 2 - 5 ft N 7622508.502 706614.1886	USMPDI-025SC-B USMPDI-025SC-B-05-07-210428 4/28/2021 5 - 7 ft N 7622508.502 706614.1886
	Analytical Method	Site-Wide RAL	PTW Threshold			
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	12.9 J	80.2
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	10.1 J	40.4
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			19.7 UJ	17.4 J	128
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			54.2 U	94.7	1400
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			22.4 J	21 J	29.6
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			81.7	60.3	360
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			226	498 J	898 J
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			380	542	666
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			227	406	512
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-00-02-210428	USMPDI-025SC-B-02-05-210428	USMPDI-025SC-B-05-07-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	371	468
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			439 J	460	582
Benzo(j)fluoranthene	SW8270ESIM			91.9	209	286
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			125 J	217	290
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo thiophene	SW8270DMSIM			--	--	--
Benzo thiophene	SW8270ESIM			--	2.7 J	8.1 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	23.5 J	49.5
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			244	611	1080
Decalin, cis-	SW8270ESIM			--	25 UJ	25 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	25 UJ	4.9 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			67.7 J	53.7 J	79 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	12 J	207
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	39.9	193
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			424	824	3290
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			41.8 U	57	966
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-00-02-210428	USMPDI-025SC-B-02-05-210428	USMPDI-025SC-B-05-07-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			304	305 J	375 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	39.6 U	37.8 J	158 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	306	292
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			249	385	4300
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			580	887	2500
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				444 JT	832 T	1100 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	520 JT	719 JT	930 JT
PH-ROD Total HPAH (U = 1/2 max limit)				3100 JT	5000 JT	11000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				431 JT	670 JT	7300 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		3500 JT	5700 JT	18000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	324	611
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	3.6 J	10.4 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	10.2 J	51.2
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	48.3	72.8
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	44.5	149
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	360	866
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	36.9	278

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-00-02-210428	USMPDI-025SC-B-02-05-210428	USMPDI-025SC-B-05-07-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	18.1 J	122
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	50.5	75.8
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	207	967
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	158	310
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	7.9 J	22.2 J
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	34.9	131
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	9.9 J	13.7 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	68.8	183
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	164	304
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	49	177
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	37.4	249
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	32	53.4
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	177	556
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	83.9	139
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	25 U	25 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	47.4	136
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	10.6 J	11.5 J
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-00-02-210428	USMPDI-025SC-B-02-05-210428	USMPDI-025SC-B-05-07-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	64.7	149
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	99.3	164
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	59.2	180
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	42.4	296
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	20.9 J	40
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	92.9	328
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	26.8	52.8
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	5.5 J	13.8 J
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	25 U	25 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	34	44.3
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	41.5	158
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	25 U	25 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	38.6	77.2
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			42.8 U	3.70 U	3.59 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			42.8 U	3.70 U	3.59 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			42.8 UJ	3.70 UJ	3.59 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			58.6	4.96 J	10.0 J
4,4'-DDE (p,p'-DDE)	SW8081B			34.7 J	2.47 J	8.02
4,4'-DDT (p,p'-DDT)	SW8081B			830	3.70 U	3.59 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-00-02-210428	USMPDI-025SC-B-02-05-210428	USMPDI-025SC-B-05-07-210428
				USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
				USMPDI-025SC-B-00-02-210428	USMPDI-025SC-B-02-05-210428	USMPDI-025SC-B-05-07-210428
				4/28/2021	4/28/2021	4/28/2021
				0 - 2 ft	2 - 5 ft	5 - 7 ft
				N	N	N
				7622508.502	7622508.502	7622508.502
				706614.1886	706614.1886	706614.1886
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				42.8 UJT	3.70 UJT	3.59 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				920 JT	9.28 JT	19.8 JT
PH-ROD Sum DDD (U = 1/2 max limit)				80.0 T	6.81 JT	11.8 JT
PH-ROD Sum DDE (U = 1/2 max limit)				56.1 JT	4.32 JT	9.82 JT
PH-ROD Sum DDT (U = 1/2 max limit)				850 JT	3.70 UJT	3.59 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	990 JT	14.8 JT	25.2 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			110 U	93 U	89 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			110 U	93 U	89 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-00-02-210428	USMPDI-025SC-B-02-05-210428	USMPDI-025SC-B-05-07-210428
				USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			8.30 U	7.40 U	6.83 U
Aroclor 1221	SW8082A			8.30 U	7.40 U	6.83 U
Aroclor 1232	SW8082A			8.30 U	7.40 U	6.83 U
Aroclor 1242	SW8082A			8.30 U	7.40 U	9.57 J
Aroclor 1248	SW8082A			8.30 U	7.40 U	6.83 U
Aroclor 1254	SW8082A			8.30 U	4.17 J	19.9 J
Aroclor 1260	SW8082A			8.30 U	5.13 J	19.1 J
Aroclor 1262	SW8082A			8.30 U	7.40 U	6.83 U
Aroclor 1268	SW8082A			8.30 U	7.40 U	6.83 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	8.30 UT	35.2 JT	69.1 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	102	211
Motor oil range hydrocarbons	NWTPHDx			--	267	339
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.32 UJ	3.71 UJ	3.62 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			74	--	--
Plastic limit	D4318			39	--	--
Plasticity index	D4318			35	--	--
Specific gravity	D854			2.63	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			1.42 J	62.7 J	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			64.3	--	--
Total organic carbon	SM5310BM			2	--	--
Total Solids	SM2540G			60.9	60.1	58.9
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			10.1	--	--
Total fines (Reported, not calculated)	D6913			89.9	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			95	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--
Percent passing 425 micron sieve (#40)	D6913			100	--	--
Percent passing 250 micron sieve (#60)	D6913			99	--	--
Percent passing 150 micron sieve (#100)	D6913			98	--	--
Percent passing 75 micron sieve (#200)	D6913			90	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.43	4.72	--
Cadmium	SW6020B			0.322	0.353	--
Chromium	SW6020B			27.2	27.4	--
Copper	SW6020B			44.8	45.3	--
Lead	SW6020B			30.2	27.3	--
Manganese	SW6020B			800	605	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
				USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				4/28/2021	4/28/2021	4/28/2021
				7 - 10 ft	10 - 13 ft	13 - 15.1 ft
				N	N	N
				7622508.502	7622508.502	7622508.502
				706614.1886	706614.1886	706614.1886
Vanadium	SW6020B			92.4	90.2	--
Zinc	SW6020B			171	122	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			135 U	50.0 U	240 U
1,2-Dichloroethene, cis-	SW8260D			135 U	50.0 U	240 U
Benzene	SW8260D			54.1 U	20.0 U	95.8 U
Chlorobenzene	SW8260D		320	135 U	50.0 U	240 U
Ethylbenzene	SW8260D			135 U	50.0 U	240 U
m,p-Xylene	SW8260D			271 U	100 U	479 U
o-Xylene	SW8260D			135 U	50.0 U	240 U
Tetrachloroethene (PCE)	SW8260D			135 U	50.0 U	240 U
Toluene	SW8260D			271 U	100 U	479 U
Trichloroethene (TCE)	SW8260D			135 U	50.0 U	240 U
Vinyl chloride	SW8260D			135 U	50.0 U	240 U
PH-ROD Total BTEX (U = 1/2 max limit)				271 UT	100 UT	479 UT
PH-ROD Total Xylene (U = 1/2 max limit)				271 UT	100 UT	479 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			249	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			59.8	--	--
Pentachlorophenol	SW8270E			408 U	394 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			185	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			670	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			320	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			316	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			231	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			2000	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			68	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			1060	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			2320	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			2260	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1860	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			1820	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			2410	--	--
Benzo(j)fluoranthene	SW8270ESIM			1090	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1090	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			18.2 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			317	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			2690	--	--
Decalin, cis-	SW8270ESIM			25 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			24.1 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			351 J	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			341	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			686	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			7270	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1280	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1610 J	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	238 J	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			805	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			7840	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			7690	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				4040 T	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3200 JT	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				30600 JT	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				13000 JT	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		43000 JT	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			1790	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			41.8	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			137	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			355	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			653	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			2430	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			698	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			250	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			190	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			2920	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			794	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			183	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			402	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			74.3	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			686	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			947	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			607	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			1100	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			25 U	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			1730	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			359	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			218	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			365	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			30.2	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			405	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			502	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			479	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			1360	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			70.3	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			874	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			88.6	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			29.8	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25 U	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			122	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			377	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			16.4 J	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			228	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			4.32 J	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			6.50 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			6.50 U	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			11.9 J	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			4.34 J	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			6.50 U	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				4/28/2021	4/28/2021	4/28/2021
				7 - 10 ft	10 - 13 ft	13 - 15.1 ft
				N	N	N
				7622508.502	7622508.502	7622508.502
				706614.1886	706614.1886	706614.1886
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				10.8 JT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				19.5 JT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				16.2 JT	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				7.59 JT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				6.50 UT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	30.3 JT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			84 U	82 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			84 U	82 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-025SC-B	USMPDI-025SC-B	USMPDI-025SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				USMPDI-025SC-B-07-10-210428	USMPDI-025SC-B-10-13-210428	USMPDI-025SC-B-13-15.1-210428
				4/28/2021	4/28/2021	4/28/2021
				7 - 10 ft	10 - 13 ft	13 - 15.1 ft
				N	N	N
				7622508.502	7622508.502	7622508.502
				706614.1886	706614.1886	706614.1886
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.23 U	--	--
Aroclor 1221	SW8082A			6.23 U	--	--
Aroclor 1232	SW8082A			6.23 U	--	--
Aroclor 1242	SW8082A			11.2 J	--	--
Aroclor 1248	SW8082A			6.23 U	--	--
Aroclor 1254	SW8082A			18.3 J	--	--
Aroclor 1260	SW8082A			11.7 J	--	--
Aroclor 1262	SW8082A			6.23 U	--	--
Aroclor 1268	SW8082A			6.23 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	59.9 JT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			293	--	--
Motor oil range hydrocarbons	NWTPHDx			381	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.34 UJ	3.61 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-01-02-210504	USMPDI-028SC-A-02-03-210504	USMPDI-028SC-A-03-04-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.4	2.1 T	1.9
Total Solids	SM2540G			50.2	55.7 T	55.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-01-02-210504	USMPDI-028SC-A-02-03-210504	USMPDI-028SC-A-03-04-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-01-02-210504	USMPDI-028SC-A-02-03-210504	USMPDI-028SC-A-03-04-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			49.9 U	103 T	334
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			78	1410 T	5130
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			18.3 J	44.5 T	54.9 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			59	225 T	2780
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			312	551 T	1340
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			432	650 T	782
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			314	434 T	620
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-01-02-210504	USMPDI-028SC-A-02-03-210504	USMPDI-028SC-A-03-04-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			444	644 T	642
Benzo(j)fluoranthene	SW8270ESIM			125 J	207 JT	249 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			199 J	250 JT	364 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			324	586 T	1330
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			64.2	124 T	104
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			515	1810 T	6300
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			40.4 J	818 T	4860
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-01-02-210504	USMPDI-028SC-A-02-03-210504	USMPDI-028SC-A-03-04-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			294	462 T	452
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	59.8 U	141 T	527
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			249	2460 T	13900
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			569	1760 T	5320
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				638 JT	890 JT	1200 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	591 JT	920 JT	1100 JT
PH-ROD Total HPAH (U = 1/2 max limit)				3590 JT	7500 JT	18000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				500 JT	5200 T	27600 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		4090 JT	13000 JT	45000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-01-02-210504	USMPDI-028SC-A-02-03-210504	USMPDI-028SC-A-03-04-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			5/4/2021	5/4/2021	5/4/2021
C1-Naphthalenes	SW8270ESIM			1 - 2 ft	2 - 3 ft	3 - 4 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622444.829	7622444.829	7622444.829
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706414.1424	706414.1424	706414.1424
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-01-02-210504	USMPDI-028SC-A-02-03-210504	USMPDI-028SC-A-03-04-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			4.43 J	4.04 UJT	4.51 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.94 U	3.50 UT	6.07 U
2,4'-DDT (o,p'-DDT)	SW8081B			25	3.50 UT	3.47 U
4,4'-DDD (p,p'-DDD)	SW8081B			6.89 J	11.2 JT	12.7
4,4'-DDE (p,p'-DDE)	SW8081B			3.98 J	6.94 JT	9.7
4,4'-DDT (p,p'-DDT)	SW8081B			3.94 UJ	3.50 UJT	3.47 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-01-02-210504	USMPDI-028SC-A-02-03-210504	USMPDI-028SC-A-03-04-210504
				USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				5/4/2021	5/4/2021	5/4/2021
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				1 - 2 ft	2 - 3 ft	3 - 4 ft
PH-ROD Sum DDD (U = 1/2 max limit)				N	N	N
PH-ROD Sum DDE (U = 1/2 max limit)				7622444.829	7622444.829	7622444.829
PH-ROD Sum DDT (U = 1/2 max limit)				706414.1424	706414.1424	706414.1424
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	31.4 JT	4.04 UJT	6.07 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000436 J	0.000462 JT	0.000688 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000924 J	0.00114 JT	0.000751 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00201 J	0.00142 JT	0.000663 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00725	0.0109 T	0.00514
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00374	0.00433 T	0.00228 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.224 J	0.2 T	0.0835
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			2.1 J	2.36 T	0.999
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00535 J	0.00443 JT	0.00931 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00908 J	0.0102 JT	0.00934 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.105	0.0706 T	0.0469
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.594 J	0.432 T	0.179
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00415	0.00667 T	0.0178
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00423	0.0128 T	0.0221
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0027	0.00624 T	0.0108
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0071	0.0388 T	0.0325
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00269	0.0112 T	0.00894
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000885 U	0.000583 UT	0.00205 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00158 J	0.00297 JT	0.00263
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0209	0.0552 T	0.0232
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00241 J	0.00772 T	0.00502
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0577 J	0.113 T	0.0462
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0190 J	0.0280 JT	0.0608 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0224	0.0521 JT	0.0691 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-01-02-210504	USMPDI-028SC-A-02-03-210504	USMPDI-028SC-A-03-04-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0401	0.104 JT	0.0775
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0624	0.125 JT	0.0642
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.011 JT	0.023 JT	0.0375 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0061 JT	0.013 JT	0.0142 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0083 JT	0.015 JT	0.0139 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				2.4 JT	2.8 JT	1.26 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.83 U	6.79 UT	7.15 U
Aroclor 1221	SW8082A			7.83 U	6.79 UT	7.15 U
Aroclor 1232	SW8082A			7.83 U	6.79 UT	7.15 U
Aroclor 1242	SW8082A			7.83 U	13.0 JT	21.9 J
Aroclor 1248	SW8082A			7.83 U	6.79 UT	7.15 U
Aroclor 1254	SW8082A			6.22 J	28.6 JT	38.5 J
Aroclor 1260	SW8082A			7.83 U	20.3 JT	23.1 J
Aroclor 1262	SW8082A			7.83 U	6.79 UT	7.15 U
Aroclor 1268	SW8082A			7.83 U	6.79 UT	7.15 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	37.5 JT	82.2 JT	105 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-04-05-210504	USMPDI-028SC-A-05-6.3-210504	USMPDI-028SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	0.785
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			1.9	--	--
Total Solids	SM2540G			57.7	58.8	47.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	5.2
Cadmium	SW6020B			--	--	0.225
Chromium	SW6020B			--	--	39.8
Copper	SW6020B			--	--	44.5
Lead	SW6020B			--	--	14.8
Manganese	SW6020B			--	--	663

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-04-05-210504	USMPDI-028SC-A-05-6.3-210504	USMPDI-028SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	112
Zinc	SW6020B			--	--	99.9
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	174 U
1,2-Dichloroethene, cis-	SW8260D			--	--	174 U
Benzene	SW8260D			--	--	69.5 U
Chlorobenzene	SW8260D		320	--	--	174 U
Ethylbenzene	SW8260D			--	--	174 U
m,p-Xylene	SW8260D			--	--	347 U
o-Xylene	SW8260D			--	--	174 U
Tetrachloroethene (PCE)	SW8260D			--	--	174 U
Toluene	SW8260D			--	--	347 U
Trichloroethene (TCE)	SW8260D			--	--	174 U
Vinyl chloride	SW8260D			--	--	174 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	347 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	347 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	76.9	--
2-Methylpyrene	SW8270DMSIM			--	101	--
4-Methylpyrene	SW8270DMSIM			--	91	--
Benzo(b)fluorene	SW8270DMSIM			--	118	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	25.3	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	1030 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	20.9	--
1-Methylnaphthalene	SW8270DMSIM			--	66.4	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	177	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-04-05-210504	USMPDI-028SC-A-05-6.3-210504	USMPDI-028SC-B-00-02-210504
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	72.7	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	231	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	62.1	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	76.4	--
2-Methylnaphthalene	SW8270DMSIM			--	122	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			62.1	--	--
2-Methylphenanthrene	SW8270DMSIM			--	271	--
4-Methyldibenzothiophene	SW8270DMSIM			--	67.8	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	160	--
Acenaphthene	SW8270DMSIM			--	466	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			796	--	--
Acenaphthylene	SW8270DMSIM			--	111	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			57.5	--	--
Anthracene	SW8270DMSIM			--	185	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			270	--	--
Benzo(a)anthracene	SW8270DMSIM			--	570	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			928	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	139	--
Benzo(a)pyrene	SW8270DMSIM			--	884	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1230	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	604 J	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			846	--	--
Benzo(c)fluorene	SW8270DMSIM			--	47	--
Benzo(e)pyrene	SW8270DMSIM			--	522	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-04-05-210504	USMPDI-028SC-A-05-6.3-210504	USMPDI-028SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	904	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1120	--	--
Benzo(j)fluoranthene	SW8270ESIM			373 J	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	450	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			381 J	--	--
Benzonaphthothiophene	SW8270DMSIM			--	176	--
Benzothiophene	SW8270DMSIM			--	26	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	22.9	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	681	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			959	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	12.2	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			200	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	142 J	--
Dibenzofuran	SW8270DMSIM			--	50.2	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	268	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	1460	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			2230	--	--
Fluorene	SW8270DMSIM			--	344	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			394	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	668 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-04-05-210504	USMPDI-028SC-A-05-6.3-210504	USMPDI-028SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			812	--	--
Naphthalene	SW8270DMSIM		140000	--	245	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	104	--	--
Perylene	SW8270DMSIM			--	401	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	1880	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			2220	--	--
Pyrene	SW8270DMSIM			--	1850	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			2410	--	--
Retene	SW8270DMSIM			--	136 J	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1600 JT	1100 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1700 JT	1200 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				11000 JT	8200 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				3900 T	3350 T	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		15000 JT	12000 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	226	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	49.1	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	320	--
C1-Decalins	SW8270DMSIM			--	42.3	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	192	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	644	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	161	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-04-05-210504	USMPDI-028SC-A-05-6.3-210504	USMPDI-028SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	123	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	90.4	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	858	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	116	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	218	--
C2-Decalins	SW8270DMSIM			--	97.5	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	194	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	281	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	189	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	581	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	72.7	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	627	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	93.2	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	138	--
C3-Decalins	SW8270DMSIM			--	94.6	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	134	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-04-05-210504	USMPDI-028SC-A-05-6.3-210504	USMPDI-028SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	169	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	166	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	527	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	51.2	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	352	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	56.2	--
C4-Chrysenes	SW8270DMSIM			--	66.4	--
C4-Decalins	SW8270DMSIM			--	128	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	59.6	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	103	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	264	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	24.7	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	164	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			8.71 U	9.68	--
2,4'-DDE (o,p'-DDE)	SW8081B			5.36 U	3.38 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.35 U	3.38 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			17.6	39.3	--
4,4'-DDE (p,p'-DDE)	SW8081B			8.13	6.99	--
4,4'-DDT (p,p'-DDT)	SW8081B			15.5	11.6	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-04-05-210504	USMPDI-028SC-A-05-6.3-210504	USMPDI-028SC-B-00-02-210504
				5/4/2021	5/4/2021	5/4/2021
				4 - 5 ft	5 - 6.3 ft	0 - 2 ft
				N	N	N
				7622444.829	7622444.829	7622444.829
				706414.1424	706414.1424	706414.1424
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				8.71 UT	13.1 T	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				41.2 T	57.9 T	--
PH-ROD Sum DDD (U = 1/2 max limit)				22.0 T	49.0 T	--
PH-ROD Sum DDE (U = 1/2 max limit)				10.8 T	8.68 T	--
PH-ROD Sum DDT (U = 1/2 max limit)				17.2 T	13.3 T	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	49.9 T	71.0 T	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	87 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	87 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000901 J	0.000255 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00132 J	0.000607 U	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00136 J	0.000913 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0103	0.00726	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0045	0.00319 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.232	0.164	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			3.74	3.05	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00481 J	0.00112	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0125 J	0.000607 U	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0833 J	0.057	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.488	0.387	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0474	0.0251	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0739	0.0658	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0382	0.0281	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.128	0.115	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0353	0.0398	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00459	0.0113	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00969	0.0103	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.104	0.0959	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0288	0.0254	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.253	0.214	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.141 J	0.0914	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.215 J	0.156	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-A	USMPDI-028SC-A	USMPDI-028SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-A-04-05-210504	USMPDI-028SC-A-05-6.3-210504	USMPDI-028SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.26 J	0.225	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.258	0.239	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.116 JT	0.0800 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0479 JT	0.0387 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0449 JT	0.0359 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				4.71 JT	3.86 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.91 U	6.59 UJ	--
Aroclor 1221	SW8082A			6.91 U	6.59 UJ	--
Aroclor 1232	SW8082A			6.91 U	6.59 UJ	--
Aroclor 1242	SW8082A			30.4 J	7.50 J	--
Aroclor 1248	SW8082A			6.91 U	6.59 UJ	--
Aroclor 1254	SW8082A			44.8 J	7.75 UJ	--
Aroclor 1260	SW8082A			25.7 J	5.26 J	--
Aroclor 1262	SW8082A			6.91 U	6.59 UJ	--
Aroclor 1268	SW8082A			6.91 U	6.59 UJ	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	122 JT	36.4 JT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	3.84 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-B	USMPDI-028SC-B	USMPDI-029SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-B-02-05-210504	USMPDI-028SC-B-05-6.3-210504	USMPDI-029SC-A-10-11-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			57	--	--
Plastic limit	D4318			38	--	--
Plasticity index	D4318			19	--	--
Specific gravity	D854			2.71	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			12.4	7.91	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			78.1	--	--
Total organic carbon	SM5310BM			--	--	2.7
Total Solids	SM2540G			56	57	58.4
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			7.7	--	--
Total fines (Reported, not calculated)	D6913			92.3	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			97	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--
Percent passing 425 micron sieve (#40)	D6913			100	--	--
Percent passing 250 micron sieve (#60)	D6913			99	--	--
Percent passing 150 micron sieve (#100)	D6913			98	--	--
Percent passing 75 micron sieve (#200)	D6913			92	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.88	5.71	--
Cadmium	SW6020B			0.336	0.229	--
Chromium	SW6020B			38.9	37.4	--
Copper	SW6020B			54.2	52.9	--
Lead	SW6020B			36.6	16	--
Manganese	SW6020B			805	827	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-B	USMPDI-028SC-B	USMPDI-029SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-B-02-05-210504	USMPDI-028SC-B-05-6.3-210504	USMPDI-029SC-A-10-11-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			134	122	--
Zinc	SW6020B			162	117	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			68.4 U	66.3 U	--
1,2-Dichloroethene, cis-	SW8260D			68.4 U	66.3 U	--
Benzene	SW8260D			27.4 U	26.5 U	--
Chlorobenzene	SW8260D		320	68.4 U	66.3 U	--
Ethylbenzene	SW8260D			68.4 U	66.3 U	--
m,p-Xylene	SW8260D			137 U	133 U	--
o-Xylene	SW8260D			68.4 U	66.3 U	--
Tetrachloroethene (PCE)	SW8260D			68.4 U	66.3 U	--
Toluene	SW8260D			137 U	133 U	--
Trichloroethene (TCE)	SW8260D			68.4 U	66.3 U	--
Vinyl chloride	SW8260D			68.4 U	66.3 U	--
PH-ROD Total BTEX (U = 1/2 max limit)				137 UT	133 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				137 UT	133 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			249 U	--	217
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			249 UJ	--	5.6 J
Pentachlorophenol	SW8270E			866 U	839 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			67.0 J	--	589 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			278	--	610

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-B	USMPDI-028SC-B	USMPDI-029SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-B-02-05-210504	USMPDI-028SC-B-05-6.3-210504	USMPDI-029SC-A-10-11-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			126 J	--	215 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			44.2 J	--	299 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			185 J	--	353 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			2630 J	--	797 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			54.9 J	--	32.3 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			587	--	702
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			649	--	1040
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			681	--	1160
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			473 J	--	546 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-B	USMPDI-028SC-B	USMPDI-029SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-B-02-05-210504	USMPDI-028SC-B-05-6.3-210504	USMPDI-029SC-A-10-11-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			449	--	714
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			551	--	844
Benzo(j)fluoranthene	SW8270ESIM			315 J	--	309 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			294	--	347
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			249 UJ	--	18.8 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			59.3 J	--	6.8 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			805	--	1370
Decalin, cis-	SW8270ESIM			249 UJ	--	24.9 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			249 UJ	--	25.0 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			94.6 J	--	30.1 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			320 J	--	107 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			284	--	395
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			3180	--	3330
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1860 J	--	508 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-B	USMPDI-028SC-B	USMPDI-029SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-B-02-05-210504	USMPDI-028SC-B-05-6.3-210504	USMPDI-029SC-A-10-11-210430
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			451 J	--	416 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	283 J	--	267 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			251	--	301
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			6560	--	4730
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			2780	--	4030
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1080 JT	--	1200 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	937 JT	--	1400 JT
PH-ROD Total HPAH (U = 1/2 max limit)				10300 JT	--	13400 JT
PH-ROD Total LPAH (U = 1/2 max limit)				12200 JT	--	7390 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		22400 JT	--	20800 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			431	--	951
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			249 U	--	94.9
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			79.4 J	--	161
C1-Dibenz(a,h)anthracenes	SW8270ESIM			68.6 J	--	36.6
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			112 J	--	661
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			978	--	1870
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			470	--	531

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-B	USMPDI-028SC-B	USMPDI-029SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-B-02-05-210504	USMPDI-028SC-B-05-6.3-210504	USMPDI-029SC-A-10-11-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			174 J	--	727
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			249 U	--	252
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			1310	--	3380
C2-Benzanthracenes/Chrysenes	SW8270ESIM			169 J	--	462
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			70.0 J	--	197
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			216 J	--	465
C2-Dibenz(a,h)anthracenes	SW8270ESIM			249 U	--	8.4 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			144 J	--	767
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			322	--	976
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			208 J	--	703
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			548	--	1450
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			249 U	--	196
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			592	--	2620
C3-Benzanthracenes/Chrysenes	SW8270ESIM			107 J	--	202
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			249 U	--	217
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			151 J	--	488
C3-Dibenz(a,h)anthracenes	SW8270ESIM			249 U	--	24.9 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-B	USMPDI-028SC-B	USMPDI-029SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-B-02-05-210504	USMPDI-028SC-B-05-6.3-210504	USMPDI-029SC-A-10-11-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			116 J	--	545
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			196 J	--	498
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			160 J	--	552
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			478	--	1670
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			249 U	--	116
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			346	--	1690
C4-Benzanthracenes/Chrysenes	SW8270ESIM			35.2 J	--	62.7
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			249 U	--	3.6 J
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			249 U	--	24.9 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			61.1 J	--	135
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			204 J	--	881
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			249 U	--	44.7
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			103 J	--	329
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	--	11.2 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	--	7.25 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	--	6.60 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	--	24.6
4,4'-DDE (p,p'-DDE)	SW8081B			--	--	8.47
4,4'-DDT (p,p'-DDT)	SW8081B			--	--	6.60 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-B	USMPDI-028SC-B	USMPDI-029SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-B-02-05-210504	USMPDI-028SC-B-05-6.3-210504	USMPDI-029SC-A-10-11-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	11.2 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	--	36.4 T
PH-ROD Sum DDD (U = 1/2 max limit)				--	--	30.2 T
PH-ROD Sum DDE (U = 1/2 max limit)				--	--	12.1 T
PH-ROD Sum DDT (U = 1/2 max limit)				--	--	6.60 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	--	48.9 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			87 UJ	86 UJ	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			87 UJ	86 UJ	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000153 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000247 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000407 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000980 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000426 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.0193
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	0.299
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.000497 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.000480 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00739 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.0463
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.00648
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.00937
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.00502
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0141
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00388
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000862 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00130 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0104
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00368
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.0296
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0235 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0276

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-028SC-B	USMPDI-028SC-B	USMPDI-029SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-028SC-B-02-05-210504	USMPDI-028SC-B-05-6.3-210504	USMPDI-029SC-A-10-11-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0314
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0304
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.0150 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.00590 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.00530 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	0.405 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	--	6.81 U
Aroclor 1221	SW8082A			--	--	6.81 U
Aroclor 1232	SW8082A			--	--	6.81 U
Aroclor 1242	SW8082A			--	--	10.3 J
Aroclor 1248	SW8082A			--	--	6.81 U
Aroclor 1254	SW8082A			--	--	14.8 J
Aroclor 1260	SW8082A			--	--	10.9 J
Aroclor 1262	SW8082A			--	--	6.81 U
Aroclor 1268	SW8082A			--	--	6.81 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	--	56.4 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			150	--	308
Motor oil range hydrocarbons	NWTPHDx			284	--	402
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.47 UJ	3.51 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-11-12-210430	USMPDI-029SC-B-00-02-210430	USMPDI-029SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	1.37 J	1.37 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.6	2.3	2.2
Total Solids	SM2540G			58.9	48.3	53.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	4.3	4.62
Cadmium	SW6020B			--	0.170 J	0.221
Chromium	SW6020B			--	27.8	27.7
Copper	SW6020B			--	37.8	45.1
Lead	SW6020B			--	11.1	17
Manganese	SW6020B			--	649	757

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-11-12-210430	USMPDI-029SC-B-00-02-210430	USMPDI-029SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			--	82.7	83.6
Zinc	SW6020B			--	86.8	96.3
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	126 U	68.3 U
1,2-Dichloroethene, cis-	SW8260D			--	126 U	68.3 U
Benzene	SW8260D			--	50.5 U	27.3 U
Chlorobenzene	SW8260D		320	--	126 U	68.3 U
Ethylbenzene	SW8260D			--	126 U	68.3 U
m,p-Xylene	SW8260D			--	252 U	137 U
o-Xylene	SW8260D			--	126 U	68.3 U
Tetrachloroethene (PCE)	SW8260D			--	126 U	68.3 U
Toluene	SW8260D			--	252 U	137 U
Trichloroethene (TCE)	SW8260D			--	126 U	68.3 U
Vinyl chloride	SW8260D			--	126 UJ	68.3 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				--	252 UT	137 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	252 UT	137 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	36.9
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	5.3 J
Pentachlorophenol	SW8270E			--	508 U	458 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	10.4 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	37

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-11-12-210430	USMPDI-029SC-B-00-02-210430	USMPDI-029SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			4/30/2021	4/30/2021	4/30/2021
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			11 - 12 ft	0 - 2 ft	2 - 5 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7622529.948	7622529.948	7622529.948
2-Methylanthracene	SW8270DMSIM			706481.06	706481.06	706481.06
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM					
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			3860	30.2	14.0 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1820	64.7	131 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			186 J	25.5 J	4.7 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			1970	82.9	61.5
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1340	310	190
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1250	468	248
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			698	293	101 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-11-12-210430	USMPDI-029SC-B-00-02-210430	USMPDI-029SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	--	135
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1090 J	486 J	158
Benzo(j)fluoranthene	SW8270ESIM			324	118	53.8 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			433 J	166 J	69.2
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	2.0 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	5.0 U
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1450	337	247
Decalin, cis-	SW8270ESIM			--	--	5.0 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	5.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			203	65	4.8 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	14.5 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	28.2
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			3820	630	491
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1780	47.1	85.9 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-11-12-210430	USMPDI-029SC-B-00-02-210430	USMPDI-029SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			735	332	71.3 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	1030	112	29.9 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	160
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			9620	314	466
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			5070	775	530
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1460 JT	577 JT	224 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1740 JT	630 JT	290 JT
PH-ROD Total HPAH (U = 1/2 max limit)				16400 JT	4000 JT	2200 JT
PH-ROD Total LPAH (U = 1/2 max limit)				20300 JT	676 JT	790 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		36700 JT	4700 JT	3000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	120
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	2.2 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	14.9
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	6
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	26.3
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	212
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	36.3

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-11-12-210430	USMPDI-029SC-B-00-02-210430	USMPDI-029SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			4/30/2021	4/30/2021	4/30/2021
C1-Naphthalenes	SW8270ESIM			11 - 12 ft	0 - 2 ft	2 - 5 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622529.948	7622529.948	7622529.948
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706481.06	706481.06	706481.06
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	15.7
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	31.4
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	175
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	55.1
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	7
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	24.8
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	1.9 J
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	39.1
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	80.9
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	27.7
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	45.4
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	25.4
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	33.6
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	5.0 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-11-12-210430	USMPDI-029SC-B-00-02-210430	USMPDI-029SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	--	39.6
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	50.5
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	29.4
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	65.5
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	20.9
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	88.6
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	5.6
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	3.6 J
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	5.0 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	23.3
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	36.7
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	8.4
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	22.2
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			6.69 U	3.99 U	3.67 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			6.69 U	3.99 U	3.67 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			6.69 U	3.99 U	18.9 J
4,4'-DDD (p,p'-DDD)	SW8081B			12.4	3.99 U	27.5 J
4,4'-DDE (p,p'-DDE)	SW8081B			8.29	3.99 U	3.39 J
4,4'-DDT (p,p'-DDT)	SW8081B			6.69 U	3.99 U	622

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-11-12-210430	USMPDI-029SC-B-00-02-210430	USMPDI-029SC-B-02-05-210430
				USMPDI-029SC-A-11-12-210430	USMPDI-029SC-B-00-02-210430	USMPDI-029SC-B-02-05-210430
				4/30/2021	4/30/2021	4/30/2021
				11 - 12 ft	0 - 2 ft	2 - 5 ft
				N	N	N
				7622529.948	7622529.948	7622529.948
				706481.06	706481.06	706481.06
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				6.69 UT	3.99 UT	22.6 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				24.0 T	3.99 UT	653 JT
PH-ROD Sum DDD (U = 1/2 max limit)				15.7 T	3.99 UT	29.3 JT
PH-ROD Sum DDE (U = 1/2 max limit)				11.6 T	3.99 UT	5.23 JT
PH-ROD Sum DDT (U = 1/2 max limit)				6.69 UT	3.99 UT	641 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	34.1 T	3.99 UT	675 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	98 UJ	92 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	98 UJ	92 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000510 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000853 J	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00141 J	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00771	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00295	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.222	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			4.99	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00529 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0122 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0906 J	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.601	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0153	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0255	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0132	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0651	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0181	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00541	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00346	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0947	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0199	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.279	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0641 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0831 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-A	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-A-11-12-210430	USMPDI-029SC-B-00-02-210430	USMPDI-029SC-B-02-05-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			4/30/2021	4/30/2021	4/30/2021
Total Heptachlorodibenzofuran (HpCDF)	E1613B			11 - 12 ft	0 - 2 ft	2 - 5 ft
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				N	N	N
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				7622529.948	7622529.948	7622529.948
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				706481.06	706481.06	706481.06
PH-ROD Total PCDD/F (U = 1/2 max limit)						
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			0.175 J	--	--
Aroclor 1221	SW8082A			0.314	--	--
Aroclor 1232	SW8082A			0.0440 JT	--	--
Aroclor 1242	SW8082A			0.0219 JT	--	--
Aroclor 1248	SW8082A			0.0230 JT	--	--
Aroclor 1254	SW8082A			5.77 JT	--	--
Aroclor 1260	SW8082A					
Aroclor 1262	SW8082A					
Aroclor 1268	SW8082A					
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200			
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx					63.3 J
Motor oil range hydrocarbons	NWTPHDx					189 J
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH				3.97 UJ	3.7 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	USMPDI-029SC-B	USMPDI-029SC-B	USMPDI-029SC-B
	Sample ID	USMPDI-029SC-B-05-07-210430	USMPDI-029SC-B-07-10-210430	USMPDI-029SC-B-10-12-210430
	Sample Date	4/30/2021	4/30/2021	4/30/2021
	Depth	5 - 7 ft	7 - 10 ft	10 - 12 ft
	Sample Type	N	N	N
	Easting	7622529.948	7622529.948	7622529.948
	Northing	706481.06	706481.06	706481.06
	Analytical Method	Site-Wide RAL	PTW Threshold	
Conventional Parameters (unitless)				
Liquid limit	D4318			82
Plastic limit	D4318			35
Plasticity index	D4318			47
Specific gravity	D854			2.69
Conventional Parameters (mg/kg)				
Cyanide	D7511-12			7.40 J
Conventional Parameters (pct)				
Moisture (water) content	D2216			85.6
Total organic carbon	SM5310BM			2.5
Total Solids	SM2540G			54.4
Grain Size (pct)				
Gravel	D6913			0 U
Sand	D6913			1.9
Total fines (Reported, not calculated)	D6913			98.1
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--
Percent passing 4750 micron sieve (#4)	D6913			100
Percent passing 2000 micron sieve (#10)	D6913			100
Percent passing 110 micron sieve (#140)	D6913			99
Percent passing 850 micron sieve (#20)	D6913			100
Percent passing 425 micron sieve (#40)	D6913			100
Percent passing 250 micron sieve (#60)	D6913			100
Percent passing 150 micron sieve (#100)	D6913			100
Percent passing 75 micron sieve (#200)	D6913			98
Metals (mg/kg)				
Arsenic	SW6020B			5.16
Cadmium	SW6020B			0.332
Chromium	SW6020B			31.2
Copper	SW6020B			50.4
Lead	SW6020B			25.3
Manganese	SW6020B			979

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-B	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-B-05-07-210430	USMPDI-029SC-B-07-10-210430	USMPDI-029SC-B-10-12-210430
				USMPDI-029SC-B	USMPDI-029SC-B	USMPDI-029SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			92.8	103	114
Zinc	SW6020B			121	144	179
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			76.1 U	61.9 U	61.0 U
1,2-Dichloroethene, cis-	SW8260D			76.1 U	61.9 U	61.0 U
Benzene	SW8260D			30.5 U	24.7 U	24.4 U
Chlorobenzene	SW8260D		320	76.1 U	61.9 U	61.0 U
Ethylbenzene	SW8260D			76.1 U	61.9 U	61.0 U
m,p-Xylene	SW8260D			152 U	124 U	122 U
o-Xylene	SW8260D			76.1 U	61.9 U	61.0 U
Tetrachloroethene (PCE)	SW8260D			76.1 U	61.9 U	61.0 U
Toluene	SW8260D			152 U	124 U	115 J
Trichloroethene (TCE)	SW8260D			76.1 U	61.9 U	61.0 U
Vinyl chloride	SW8260D			76.1 UJ	61.9 UJ	61.0 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				152 UT	124 UT	249 JT
PH-ROD Total Xylene (U = 1/2 max limit)				152 UT	124 UT	122 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			65.2	25.0 U	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			27.8 J	134 J	--
Pentachlorophenol	SW8270E			913 U	874 U	845 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			35.5 J	226 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			74.7	377	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-B	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-B-05-07-210430	USMPDI-029SC-B-07-10-210430	USMPDI-029SC-B-10-12-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			26.3 J	25.0 UJ	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			30.3 J	170 J	--
2-Methylantracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			70.4 J	516 J	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			142 J	2090 J	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			45.6 J	47.6 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			123	1230	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			428	918	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			571	685	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			385 J	511 J	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-B	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-B-05-07-210430	USMPDI-029SC-B-07-10-210430	USMPDI-029SC-B-10-12-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			381	434	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			519 J	502 J	--
Benzo(j)fluoranthene	SW8270ESIM			238 J	282 J	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			224	295	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			12.3 J	32.9 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			33.6	74.3	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			546	1090	--
Decalin, cis-	SW8270ESIM			25.0 UJ	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			25.0 UJ	24.6 J	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			67.7 J	81.6 J	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			46.1 J	1000 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			55.1 J	264 J	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			972	4970	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			101 J	1480 J	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-B	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-B-05-07-210430	USMPDI-029SC-B-07-10-210430	USMPDI-029SC-B-10-12-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			400 J	410 J	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	192 J	817 J	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			424 J	303 J	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			656	7090	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			1120	4110	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				847 JT	1090 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	760 JT	950 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				5500 JT	14000 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				1330 JT	13300 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		6800 JT	27000 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			354	607	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			8.6 J	37.4	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			67.4	123	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			67.8	107	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			76.2	220	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			426	1300	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			63.4	407	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-B	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-B-05-07-210430	USMPDI-029SC-B-07-10-210430	USMPDI-029SC-B-10-12-210430
				Sample ID	Sample Date	Depth
				Sample Date	Depth	Sample Type
				Depth	Sample Type	Easting
				Sample Type	Easting	Northing
				Easting	Northing	
				Northing		
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			80.8	512	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			66.1	94.8	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			335	1890	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			172	312	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			18.3 J	52.7	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			152	276	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			25.0 U	25.0 U	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			112	270	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			233	444	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			83	268	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			115	740	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			60.7	70.8	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			344	1130	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			89.9	124	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			16.7 J	82.9	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			165	183	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			25.0 U	25.0 U	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-B	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-B-05-07-210430	USMPDI-029SC-B-07-10-210430	USMPDI-029SC-B-10-12-210430
				Sample ID USMPDI-029SC-B-05-07-210430	Sample ID USMPDI-029SC-B-07-10-210430	Sample ID USMPDI-029SC-B-10-12-210430
				Sample Date 4/30/2021	Sample Date 4/30/2021	Sample Date 4/30/2021
				Depth 5 - 7 ft	Depth 7 - 10 ft	Depth 10 - 12 ft
				Sample Type N	Sample Type N	Sample Type N
				Easting 7622529.948	Easting 7622529.948	Easting 7622529.948
				Northing 706481.06	Northing 706481.06	Northing 706481.06
C3-Dibenzothiophenes	SW8270ESIM			114	224	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			183	244	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			86.6	283	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			132	630	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			55.2	52.7	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			262	619	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			44.2	41.5	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			20.8 J	23.3 J	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25.0 U	25.0 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			60.4	68.6	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			128	157	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			22.3 J	18.8 J	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			118	149	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.65 U	5.77 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			3.65 U	3.50 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.65 U	3.50 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			7.51	10.5	--
4,4'-DDE (p,p'-DDE)	SW8081B			4.05	4.85	--
4,4'-DDT (p,p'-DDT)	SW8081B			3.34 J	3.50 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-B	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-B-05-07-210430	USMPDI-029SC-B-07-10-210430	USMPDI-029SC-B-10-12-210430
				4/30/2021	4/30/2021	4/30/2021
				5 - 7 ft	7 - 10 ft	10 - 12 ft
				N	N	N
				7622529.948	7622529.948	7622529.948
				706481.06	706481.06	706481.06
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.65 UT	5.77 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				14.9 JT	17.1 T	--
PH-ROD Sum DDD (U = 1/2 max limit)				9.34 T	13.4 T	--
PH-ROD Sum DDE (U = 1/2 max limit)				5.88 T	6.60 T	--
PH-ROD Sum DDT (U = 1/2 max limit)				5.17 JT	3.50 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	20.4 JT	23.5 T	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			90 UJ	87 UJ	85 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			90 UJ	87 UJ	85 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-029SC-B	USMPDI-029SC-B	USMPDI-029SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-029SC-B-05-07-210430	USMPDI-029SC-B-07-10-210430	USMPDI-029SC-B-10-12-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.14 U	7.00 U	--
Aroclor 1221	SW8082A			7.14 U	7.00 U	--
Aroclor 1232	SW8082A			7.14 U	7.00 U	--
Aroclor 1242	SW8082A			7.14 U	6.36 J	--
Aroclor 1248	SW8082A			7.14 U	7.00 U	--
Aroclor 1254	SW8082A			7.26 J	14.9 J	--
Aroclor 1260	SW8082A			4.96 J	8.29 J	--
Aroclor 1262	SW8082A			7.14 U	7.00 U	--
Aroclor 1268	SW8082A			7.14 U	7.00 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	37.2 JT	50.6 JT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			187	148 J	--
Motor oil range hydrocarbons	NWTPHDx			364	261 J	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.68 UJ	3.44 UJ	3.43 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-A	USMPDI-030SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-01-02-210503	USMPDI-030SC-A-02-03-210503	USMPDI-030SC-A-03-04-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			3.9	2.8	2.1
Total Solids	SM2540G			53.5	57.1	55.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-A	USMPDI-030SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-01-02-210503	USMPDI-030SC-A-02-03-210503	USMPDI-030SC-A-03-04-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-A	USMPDI-030SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-01-02-210503	USMPDI-030SC-A-02-03-210503	USMPDI-030SC-A-03-04-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			28.8 J	50.2	102
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			317	293	1260
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			15.0 J	106	39.7
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			269	205	225
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1430	1210	440
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1890	1590	456
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1510	1050	345
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-A	USMPDI-030SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-01-02-210503	USMPDI-030SC-A-02-03-210503	USMPDI-030SC-A-03-04-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1580	1590 J	534 J
Benzo(j)fluoranthene	SW8270ESIM			562	473	159
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			818 J	585 J	214 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1370	1300	476
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			396	253	95
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			2010	2140	1630
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			207	256	834
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-A	USMPDI-030SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-01-02-210503	USMPDI-030SC-A-02-03-210503	USMPDI-030SC-A-03-04-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1310	1070	361
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	72.5	111	124
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			1030	943	1830
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			1930	2550	1590
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2890 JT	2110 JT	718 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2720 JT	2200 JT	670 JT
PH-ROD Total HPAH (U = 1/2 max limit)				14800 JT	14000 JT	6300 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1940 JT	1960 T	4410 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		16700 JT	16000 JT	11000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-A	USMPDI-030SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-01-02-210503	USMPDI-030SC-A-02-03-210503	USMPDI-030SC-A-03-04-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			5/3/2021	5/3/2021	5/3/2021
C1-Naphthalenes	SW8270ESIM			1 - 2 ft	2 - 3 ft	3 - 4 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622451.497	7622451.497	7622451.497
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706316.6857	706316.6857	706316.6857
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-A	USMPDI-030SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-01-02-210503	USMPDI-030SC-A-02-03-210503	USMPDI-030SC-A-03-04-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.61 U	6.41 U	5.76 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			3.61 U	5.20 U	4.54 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			3.61 U	3.47 U	3.49 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			5.15 J	18.3	14.8 J
4,4'-DDE (p,p'-DDE)	SW8081B			3.67	7.3	10.7 J
4,4'-DDT (p,p'-DDT)	SW8081B			3.61 U	3.47 U	6.81 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-A	USMPDI-030SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-01-02-210503	USMPDI-030SC-A-02-03-210503	USMPDI-030SC-A-03-04-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.61 UT	6.41 UT	5.76 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				10.6 JT	27.3 T	28.9 JT
PH-ROD Sum DDD (U = 1/2 max limit)				6.96 JT	21.5 T	17.7 JT
PH-ROD Sum DDE (U = 1/2 max limit)				5.48 T	9.90 T	13.0 JT
PH-ROD Sum DDT (U = 1/2 max limit)				3.61 UT	3.47 UT	6.81 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	16.0 JT	34.9 T	35.8 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000372 U	0.0000790 U	0.0000850 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000376 U	0.000140 U	0.000139 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000548 U	0.000269 U	0.000490 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000229 J	0.000322 J	0.000477 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000442 U	0.000267 U	0.000546 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00415	0.00817	0.00666
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.044	0.124	0.0765
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000372 U	0.0000790 U	0.000196 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000376 U	0.000284	0.00017
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000693 J	0.00274 J	0.00320 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0105	0.0172	0.0139
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000386 U	0.000215 J	0.0206
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000407 J	0.000518 J	0.0202
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.000351 U	0.000259 J	0.0119
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000336 J	0.00130 J	0.0234
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000409 UJ	0.000327 J	0.00502
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000558 UJ	0.000265 U	0.00123 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000443 U	0.000173 U	0.00123 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000483 J	0.00146 J	0.00622
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000303 U	0.000596 U	0.00225 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00138 U	0.00248 J	0.0062
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000386 U	0.000716 J	0.0517 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000928 J	0.00168 J	0.0528 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-A	USMPDI-030SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-01-02-210503	USMPDI-030SC-A-02-03-210503	USMPDI-030SC-A-03-04-210503
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00144 J	0.00361 J	0.0370 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00176 J	0.0035	0.0125
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000940 JT	0.000882 JT	0.0379 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000752 JT	0.000570 JT	0.0115 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000696 JT	0.000605 JT	0.00975 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0524 JT	0.140 JT	0.183 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.31 U	7.00 U	7.01 U
Aroclor 1221	SW8082A			7.31 U	7.00 U	7.01 U
Aroclor 1232	SW8082A			7.31 U	7.00 U	7.01 U
Aroclor 1242	SW8082A			7.31 U	8.08 J	7.27 J
Aroclor 1248	SW8082A			7.31 U	7.00 U	7.01 U
Aroclor 1254	SW8082A			8.22 J	20.2 J	16.3 J
Aroclor 1260	SW8082A			6.51 J	15.0 J	12.7 J
Aroclor 1262	SW8082A			7.31 U	7.00 U	7.01 U
Aroclor 1268	SW8082A			7.31 U	7.00 U	7.01 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	40.3 JT	64.3 JT	57.3 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	USMPDI-030SC-A	USMPDI-030SC-B	USMPDI-030SC-B
								USMPDI-030SC-A-04-05-210503	USMPDI-030SC-B-00-02-210503	USMPDI-030SC-B-02-05-210503
	Analytical Method	Site-Wide RAL	PTW Threshold							
Conventional Parameters (unitless)										
Liquid limit	D4318			--				53		--
Plastic limit	D4318			--				37		--
Plasticity index	D4318			--				16		--
Specific gravity	D854			--				2.64		--
Conventional Parameters (mg/kg)										
Cyanide	D7511-12			--				0.198 J		7.54 J
Conventional Parameters (pct)										
Moisture (water) content	D2216			--				75.5		--
Total organic carbon	SM5310BM			2.4				--		--
Total Solids	SM2540G			57.2				53.2		57.8
Grain Size (pct)										
Gravel	D6913			--				0 U		--
Sand	D6913			--				20.7		--
Total fines (Reported, not calculated)	D6913			--				79.3		--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--				--		--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--				--		--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--				--		--
Percent passing 4750 micron sieve (#4)	D6913			--				100		--
Percent passing 2000 micron sieve (#10)	D6913			--				99		--
Percent passing 110 micron sieve (#140)	D6913			--				87		--
Percent passing 850 micron sieve (#20)	D6913			--				98		--
Percent passing 425 micron sieve (#40)	D6913			--				97		--
Percent passing 250 micron sieve (#60)	D6913			--				95		--
Percent passing 150 micron sieve (#100)	D6913			--				91		--
Percent passing 75 micron sieve (#200)	D6913			--				79		--
Metals (mg/kg)										
Arsenic	SW6020B			--				3.29		4.52
Cadmium	SW6020B			--				0.195		0.34
Chromium	SW6020B			--				27.9		30.9
Copper	SW6020B			--				27.9		47.2
Lead	SW6020B			--				21		52.8
Manganese	SW6020B			--				431		753

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-B	USMPDI-030SC-B
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
		USMPDI-030SC-A-04-05-210503	5/3/2021	4 - 5 ft	N	7622451.497
		USMPDI-030SC-B-00-02-210503	5/3/2021	0 - 2 ft	N	7622451.497
		USMPDI-030SC-B-02-05-210503	5/3/2021	2 - 5 ft	N	7622451.497
		USMPDI-030SC-B-02-05-210503	5/3/2021	2 - 5 ft	N	7622451.497
		USMPDI-030SC-B-02-05-210503	5/3/2021	2 - 5 ft	N	7622451.497
		USMPDI-030SC-B-02-05-210503	5/3/2021	2 - 5 ft	N	7622451.497
	Analytical Method	Site-Wide RAL	PTW Threshold			
Vanadium	SW6020B			--	64.2	101
Zinc	SW6020B			--	76.2	151
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	61.3 U	60.5 U
1,2-Dichloroethene, cis-	SW8260D			--	61.3 U	60.5 U
Benzene	SW8260D			--	24.5 U	24.2 U
Chlorobenzene	SW8260D		320	--	61.3 U	60.5 U
Ethylbenzene	SW8260D			--	61.3 U	60.5 U
m,p-Xylene	SW8260D			--	123 U	121 U
o-Xylene	SW8260D			--	61.3 U	60.5 U
Tetrachloroethene (PCE)	SW8260D			--	61.3 U	60.5 U
Toluene	SW8260D			--	123 U	165
Trichloroethene (TCE)	SW8260D			--	61.3 U	60.5 U
Vinyl chloride	SW8260D			--	61.3 U	60.5 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	123 UT	298 T
PH-ROD Total Xylene (U = 1/2 max limit)				--	123 UT	121 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	250 U
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	250 UJ
Pentachlorophenol	SW8270E			--	937 U	846 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	43.5 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	137 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID Sample ID Sample Date Depth Sample Type Easting Northing	USMPDI-030SC-A USMPDI-030SC-A-04-05-210503 5/3/2021 4 - 5 ft N 7622451.497 706316.6857		USMPDI-030SC-B USMPDI-030SC-B-00-02-210503 5/3/2021 0 - 2 ft N 7622451.497 706316.6857		USMPDI-030SC-B USMPDI-030SC-B-02-05-210503 5/3/2021 2 - 5 ft N 7622451.497 706316.6857	
		Analytical Method	Site-Wide RAL	PTW Threshold			
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	42.7 J	
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--	
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	250 UJ	
2-Methylantracene	SW8270DMSIM			--	--	--	
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--	
2-Methylnaphthalene	SW8270DMSIM			--	--	--	
2-Methylnaphthalene	SW8270E			--	--	--	
2-Methylnaphthalene	SW8270ESIM			138	--	112 J	
2-Methylphenanthrene	SW8270DMSIM			--	--	--	
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--	
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--	
Acenaphthene	SW8270DMSIM			--	--	--	
Acenaphthene	SW8270E			--	--	--	
Acenaphthene	SW8270ESIM			1470	--	1040 J	
Acenaphthylene	SW8270DMSIM			--	--	--	
Acenaphthylene	SW8270E			--	--	--	
Acenaphthylene	SW8270ESIM			63.6	--	34.8 J	
Anthracene	SW8270DMSIM			--	--	--	
Anthracene	SW8270E			--	--	--	
Anthracene	SW8270ESIM			337	--	243 J	
Benzo(a)anthracene	SW8270DMSIM			--	--	--	
Benzo(a)anthracene	SW8270E			--	--	--	
Benzo(a)anthracene	SW8270ESIM			1000	--	731	
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--	
Benzo(a)pyrene	SW8270DMSIM			--	--	--	
Benzo(a)pyrene	SW8270E			--	--	--	
Benzo(a)pyrene	SW8270ESIM			1190	--	844	
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--	
Benzo(b)fluoranthene	SW8270E			--	--	--	
Benzo(b)fluoranthene	SW8270ESIM			902	--	548 J	
Benzo(c)fluorene	SW8270DMSIM			--	--	--	
Benzo(e)pyrene	SW8270DMSIM			--	--	--	

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-B	USMPDI-030SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-04-05-210503	USMPDI-030SC-B-00-02-210503	USMPDI-030SC-B-02-05-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	527
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1230 J	--	598
Benzo(j)fluoranthene	SW8270ESIM			380	--	375 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			389 J	--	373
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	250 UJ
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	63.7 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1110	--	874
Decalin, cis-	SW8270ESIM			--	--	250 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	250 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			218	--	108 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	196 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	102 J
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			2490	--	2150
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1060	--	705 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-B	USMPDI-030SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-04-05-210503	USMPDI-030SC-B-00-02-210503	USMPDI-030SC-B-02-05-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			841	--	437 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	198	--	177 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	298
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			2870	--	2320
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			2550	--	2080
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1700 JT	--	1300 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1700 JT	--	1130 JT
PH-ROD Total HPAH (U = 1/2 max limit)				12000 JT	--	9120 JT
PH-ROD Total LPAH (U = 1/2 max limit)				6140 T	--	4630 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		18000 JT	--	13700 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	91.4
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	50.0 U
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	11.6 J
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	13.4 J
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	15.6 J
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	151
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	31.5 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-B	USMPDI-030SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-04-05-210503	USMPDI-030SC-B-00-02-210503	USMPDI-030SC-B-02-05-210503
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			5/3/2021	5/3/2021	5/3/2021
C1-Naphthalenes	SW8270ESIM			4 - 5 ft	0 - 2 ft	2 - 5 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622451.497	7622451.497	7622451.497
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706316.6857	706316.6857	706316.6857
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	21.9 J
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	50.0 U
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	31.5 J
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	50.0 U
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	22.1 J
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	54.2
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	20.7 J
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	35.0 J
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	50.0 U
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	9.8 J
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	18.6 J
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	50.0 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	23.3 J
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	50.0 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-B	USMPDI-030SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-04-05-210503	USMPDI-030SC-B-00-02-210503	USMPDI-030SC-B-02-05-210503
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	20.3 J
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	30.5 J
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	15.9 J
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	32.8 J
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	50.0 U
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	39.7 J
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	50.0 U
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	50.0 U
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	50.0 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	11.8 J
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	25.2 J
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	50.0 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	15.1 J
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			7.84 U	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			5.45 U	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.41 U	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			16.5	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			9.13	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			4.94 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-B	USMPDI-030SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-04-05-210503	USMPDI-030SC-B-00-02-210503	USMPDI-030SC-B-02-05-210503
				USMPDI-030SC-A	USMPDI-030SC-B	USMPDI-030SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622451.497	7622451.497	7622451.497
				706316.6857	706316.6857	706316.6857
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				7.84 UT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				28.1 JT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				20.4 T	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				11.9 T	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				4.94 UJT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	36.5 JT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	90 UJ	87 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	90 UJ	87 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000977 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00119 J	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000802 J	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00592	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00249	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0873	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			1.1	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0106 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0136 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0493 J	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.187	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0183	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0189	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0121	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0231	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00693	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00167 J	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00158 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0275	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00582	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0569	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0880 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0728	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-030SC-A	USMPDI-030SC-B	USMPDI-030SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-030SC-A-04-05-210503	USMPDI-030SC-B-00-02-210503	USMPDI-030SC-B-02-05-210503
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0720 J	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0797	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.039 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.014 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.014 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				1.4 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.97 U	--	--
Aroclor 1221	SW8082A			6.97 U	--	--
Aroclor 1232	SW8082A			6.97 U	--	--
Aroclor 1242	SW8082A			11.3 J	--	--
Aroclor 1248	SW8082A			6.97 U	--	--
Aroclor 1254	SW8082A			19.5 J	--	--
Aroclor 1260	SW8082A			14.0 J	--	--
Aroclor 1262	SW8082A			6.97 U	--	--
Aroclor 1268	SW8082A			6.97 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	65.7 JT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	136
Motor oil range hydrocarbons	NWTPHDx			--	--	330
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	3.68 UJ	3.52 UJ

Table 4-3a
Data Summary: Subsurface Sediment

				Location ID	USMPDI-031SC-A	USMPDI-031SC-A	USMPDI-031SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	Sample ID	USMPDI-031SC-A-01-02-210504	USMPDI-031SC-A-02-03-210504	USMPDI-031SC-A-03-04-210504
				Sample Date	5/4/2021	5/4/2021	5/4/2021
				Depth	1 - 2 ft	2 - 3 ft	3 - 4 ft
				Sample Type	N	N	N
				Easting	7622534.339	7622534.339	7622534.339
				Northing	706378.1959	706378.1959	706378.1959
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	--
Plastic limit	D4318				--	--	--
Plasticity index	D4318				--	--	--
Specific gravity	D854				--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				--	--	--
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	--
Total organic carbon	SM5310BM				2	2	2.6
Total Solids	SM2540G				51.6	52.8	53.9
Grain Size (pct)							
Gravel	D6913				--	--	--
Sand	D6913				--	--	--
Total fines (Reported, not calculated)	D6913				--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913				--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--
Percent passing 4750 micron sieve (#4)	D6913				--	--	--
Percent passing 2000 micron sieve (#10)	D6913				--	--	--
Percent passing 110 micron sieve (#140)	D6913				--	--	--
Percent passing 850 micron sieve (#20)	D6913				--	--	--
Percent passing 425 micron sieve (#40)	D6913				--	--	--
Percent passing 250 micron sieve (#60)	D6913				--	--	--
Percent passing 150 micron sieve (#100)	D6913				--	--	--
Percent passing 75 micron sieve (#200)	D6913				--	--	--
Metals (mg/kg)							
Arsenic	SW6020B				--	--	--
Cadmium	SW6020B				--	--	--
Chromium	SW6020B				--	--	--
Copper	SW6020B				--	--	--
Lead	SW6020B				--	--	--
Manganese	SW6020B				--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-A	USMPDI-031SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-01-02-210504	USMPDI-031SC-A-02-03-210504	USMPDI-031SC-A-03-04-210504
				5/4/2021	5/4/2021	5/4/2021
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622534.339	7622534.339	7622534.339
				706378.1959	706378.1959	706378.1959
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	--
1,2-Dichloroethene, cis-	SW8260D			--	--	--
Benzene	SW8260D			--	--	--
Chlorobenzene	SW8260D		320	--	--	--
Ethylbenzene	SW8260D			--	--	--
m,p-Xylene	SW8260D			--	--	--
o-Xylene	SW8260D			--	--	--
Tetrachloroethene (PCE)	SW8260D			--	--	--
Toluene	SW8260D			--	--	--
Trichloroethene (TCE)	SW8260D			--	--	--
Vinyl chloride	SW8260D			--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-A	USMPDI-031SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-01-02-210504	USMPDI-031SC-A-02-03-210504	USMPDI-031SC-A-03-04-210504
				5/4/2021	5/4/2021	5/4/2021
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				7622534.339	7622534.339	7622534.339
				706378.1959	706378.1959	706378.1959
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			13	13.9	10.6
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			64.5	72.8	155
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			17.2	12.7	11.7
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			69.3	50.6	53.5
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			294	167	162
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			440	224	192
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			321	167	151
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-A	USMPDI-031SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-01-02-210504	USMPDI-031SC-A-02-03-210504	USMPDI-031SC-A-03-04-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			471	233	197
Benzo(j)fluoranthene	SW8270ESIM			137 J	66.9 J	58.2 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			182 J	92.9 J	82.5 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			313	175	177
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			92.5	43.8	38.8
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			470	332	432
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			42.7	47.9	110
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	USMPDI-031SC-A	USMPDI-031SC-A	USMPDI-031SC-A
								USMPDI-031SC-A-01-02-210504	USMPDI-031SC-A-02-03-210504	USMPDI-031SC-A-03-04-210504
	Analytical Method	Site-Wide RAL	PTW Threshold							
Indeno(1,2,3-c,d)pyrene	SW8270E							--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM							344	173	148
Naphthalene	SW8270DMSIM		140000					--	--	--
Naphthalene	SW8270E		140000					--	--	--
Naphthalene	SW8270ESIM		140000					28.7	26.6	21.3
Perylene	SW8270DMSIM							--	--	--
Perylene	SW8270ESIM							--	--	--
Phenanthrene	SW8270DMSIM							--	--	--
Phenanthrene	SW8270E							--	--	--
Phenanthrene	SW8270ESIM							239	214	451
Pyrene	SW8270DMSIM							--	--	--
Pyrene	SW8270E							--	--	--
Pyrene	SW8270ESIM							578	359	435
Retene	SW8270DMSIM							--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)								640 JT	327 JT	292 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000					630 JT	320 JT	278 JT
PH-ROD Total HPAH (U = 1/2 max limit)								3600 JT	2030 JT	2070 JT
PH-ROD Total LPAH (U = 1/2 max limit)								474 T	439 T	810 T
PH-ROD Total PAH (U = 1/2 max limit)		30000						4100 JT	2470 JT	2900 JT
3-Methylphenanthrene	SW8270DMSIM							--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM							--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM							--	--	--
C1-Benzo(b)thiophene	SW8270ESIM							--	--	--
C1-Chrysenes	SW8270DMSIM							--	--	--
C1-Decalins	SW8270DMSIM							--	--	--
C1-Decalins	SW8270ESIM							--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM							--	--	--
C1-Dibenzothiophenes	SW8270DMSIM							--	--	--
C1-Dibenzothiophenes	SW8270ESIM							--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM							--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM							--	--	--
C1-Fluorenes	SW8270DMSIM							--	--	--
C1-Fluorenes	SW8270ESIM							--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-A	USMPDI-031SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-01-02-210504	USMPDI-031SC-A-02-03-210504	USMPDI-031SC-A-03-04-210504
				Sample ID	Sample Date	Depth
				5/4/2021	5/4/2021	5/4/2021
				Depth	1 - 2 ft	2 - 3 ft
				Sample Type	N	N
				Easting	7622534.339	7622534.339
				Northing	706378.1959	706378.1959
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	USMPDI-031SC-A	USMPDI-031SC-A	USMPDI-031SC-A
								USMPDI-031SC-A-01-02-210504	USMPDI-031SC-A-02-03-210504	USMPDI-031SC-A-03-04-210504
								5/4/2021	5/4/2021	5/4/2021
								1 - 2 ft	2 - 3 ft	3 - 4 ft
								N	N	N
								7622534.339	7622534.339	7622534.339
								706378.1959	706378.1959	706378.1959
	Analytical Method	Site-Wide RAL	PTW Threshold							
C3-Dibenzothiophenes	SW8270ESIM			--	--	--				
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--				
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--				
C3-Fluorenes	SW8270DMSIM			--	--	--				
C3-Fluorenes	SW8270ESIM			--	--	--				
C3-Naphthalenes	SW8270DMSIM			--	--	--				
C3-Naphthalenes	SW8270ESIM			--	--	--				
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--				
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--				
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--				
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--				
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--				
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--				
C4-Chrysenes	SW8270DMSIM			--	--	--				
C4-Decalins	SW8270DMSIM			--	--	--				
C4-Decalins	SW8270ESIM			--	--	--				
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--				
C4-Dibenzothiophenes	SW8270ESIM			--	--	--				
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--				
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--				
C4-Naphthalenes	SW8270DMSIM			--	--	--				
C4-Naphthalenes	SW8270ESIM			--	--	--				
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--				
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--				
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--				
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--				
Pesticides (µg/kg)										
2,4'-DDD (o,p'-DDD)	SW8081B							3.78 UJ	3.62 UJ	3.69 UJ
2,4'-DDE (o,p'-DDE)	SW8081B							3.78 U	3.62 U	3.69 UJ
2,4'-DDT (o,p'-DDT)	SW8081B							3.78 U	3.62 U	3.69 U
4,4'-DDD (p,p'-DDD)	SW8081B							3.70 J	6.91 J	15.2
4,4'-DDE (p,p'-DDE)	SW8081B							2.29 J	3.37 J	4.25
4,4'-DDT (p,p'-DDT)	SW8081B							3.78 UJ	3.62 UJ	57.5 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	USMPDI-031SC-A		USMPDI-031SC-A	USMPDI-031SC-A	USMPDI-031SC-A	
		Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
		Analytical Method	Site-Wide RAL	PTW Threshold			
	USMPDI-031SC-A-01-02-210504	5/4/2021	1 - 2 ft	N	7622534.339	706378.1959	
	USMPDI-031SC-A-02-03-210504	5/4/2021	2 - 3 ft	N	7622534.339	706378.1959	
	USMPDI-031SC-A-03-04-210504	5/4/2021	3 - 4 ft	N	7622534.339	706378.1959	
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					3.78 UJT		3.69 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					7.88 JT		77.0 JT
PH-ROD Sum DDD (U = 1/2 max limit)					5.59 JT		17.0 JT
PH-ROD Sum DDE (U = 1/2 max limit)					4.18 JT		6.10 JT
PH-ROD Sum DDT (U = 1/2 max limit)					3.78 UJT		59.3 JT
PH-ROD Total DDx (U = 1/2 max limit)			160	7050	13.6 JT		82.5 JT
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A				--		--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				--		--
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01		0.0000337 U		0.000439 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01		0.000101 U		0.000627 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.0000832 U		0.000840 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000246 J		0.00469
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.0000909 U		0.00234 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.00676		0.101
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.0683		1.24
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.000172 J		0.00419 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.000101 U		0.00704 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00142 J		0.0401
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0166		0.223
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6		0.000427 J		0.00336
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000643 U		0.00544
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2		0.000337 J		0.00251
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4		0.00167 J		0.016
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000498 J		0.00411
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000113 U	0.000702 U	0.000624 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000131 J		0.00177 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.00185 J		0.0211
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000332 J		0.00319
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.00386 J		0.0538
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.000939 J		0.0154 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.00213		0.0249

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-A	USMPDI-031SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-01-02-210504	USMPDI-031SC-A-02-03-210504	USMPDI-031SC-A-03-04-210504
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.00446 J	0.0533 J	0.0467 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00488	0.06	0.0583
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00114 JT	0.012 JT	0.0105 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000568 JT	0.0069 JT	0.00593 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000601 JT	0.0076 JT	0.00696 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0849 JT	1.3 JT	1.46 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.46 U	7.43 U	6.80 U
Aroclor 1221	SW8082A			7.46 U	7.43 U	6.80 U
Aroclor 1232	SW8082A			7.46 U	7.43 U	6.80 U
Aroclor 1242	SW8082A			7.46 U	7.43 U	6.80 U
Aroclor 1248	SW8082A			7.46 U	7.43 U	6.80 U
Aroclor 1254	SW8082A			4.83 J	7.42 J	6.72 J
Aroclor 1260	SW8082A			4.44 J	6.57 J	11.6 J
Aroclor 1262	SW8082A			7.46 U	7.43 U	6.80 U
Aroclor 1268	SW8082A			7.46 U	7.43 U	6.80 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	35.4 JT	40.0 JT	42.1 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-B	USMPDI-031SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-04-05-210504	USMPDI-031SC-B-00-02-210504	USMPDI-031SC-B-02-05-210504
				Sample ID	5/4/2021	5/4/2021
				Sample Date	4 - 5 ft	0 - 2 ft
				Depth	N	N
				Sample Type	7622534.339	7622534.339
				Easting	706378.1959	706378.1959
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	56	--
Plastic limit	D4318			--	40	--
Plasticity index	D4318			--	16	--
Specific gravity	D854			--	2.72	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	0.724	2.8
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	96.4	--
Total organic carbon	SM5310BM			2.7	--	--
Total Solids	SM2540G			53.4	49.9	53.6
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	3.2	--
Total fines (Reported, not calculated)	D6913			--	96.8	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	100	--
Percent passing 110 micron sieve (#140)	D6913			--	99	--
Percent passing 850 micron sieve (#20)	D6913			--	100	--
Percent passing 425 micron sieve (#40)	D6913			--	100	--
Percent passing 250 micron sieve (#60)	D6913			--	100	--
Percent passing 150 micron sieve (#100)	D6913			--	99	--
Percent passing 75 micron sieve (#200)	D6913			--	97	--
Metals (mg/kg)						
Arsenic	SW6020B			--	5.19	6.14
Cadmium	SW6020B			--	0.198	0.299
Chromium	SW6020B			--	39.6	46.6
Copper	SW6020B			--	42.7	54.9
Lead	SW6020B			--	12.8	20.5
Manganese	SW6020B			--	650	826

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-B	USMPDI-031SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-04-05-210504	USMPDI-031SC-B-00-02-210504	USMPDI-031SC-B-02-05-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	111	124
Zinc	SW6020B			--	93.2	123
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	84.0 U	74.1 U
1,2-Dichloroethene, cis-	SW8260D			--	84.0 U	74.1 U
Benzene	SW8260D			--	33.6 U	29.7 U
Chlorobenzene	SW8260D		320	--	84.0 U	74.1 U
Ethylbenzene	SW8260D			--	84.0 U	74.1 U
m,p-Xylene	SW8260D			--	168 U	148 U
o-Xylene	SW8260D			--	84.0 U	74.1 U
Tetrachloroethene (PCE)	SW8260D			--	84.0 U	74.1 U
Toluene	SW8260D			--	168 U	148 U
Trichloroethene (TCE)	SW8260D			--	84.0 U	74.1 U
Vinyl chloride	SW8260D			--	84.0 U	74.1 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	168 UT	148 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	168 UT	148 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	36.7
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	7.9 J
Pentachlorophenol	SW8270E			--	499 U	928 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	10.4 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	41.2

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-B	USMPDI-031SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-04-05-210504	USMPDI-031SC-B-00-02-210504	USMPDI-031SC-B-02-05-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	15.3 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	11.9 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			19.7	--	17.2 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			96.8	--	82.7 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			26.9	--	15.3 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			87.7	--	57.4
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			242	--	202
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			364	--	276
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			285	--	203 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-B	USMPDI-031SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-04-05-210504	USMPDI-031SC-B-00-02-210504	USMPDI-031SC-B-02-05-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	192
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			437	--	256
Benzo(j)fluoranthene	SW8270ESIM			112 J	--	107 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			140 J	--	114
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	2.1 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	14.3 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			298	--	263
Decalin, cis-	SW8270ESIM			--	--	25.0 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	25.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			74.6	--	42.3 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	21.0 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	37.5
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			477	--	545
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			94.3	--	79.1 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-B	USMPDI-031SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-04-05-210504	USMPDI-031SC-B-00-02-210504	USMPDI-031SC-B-02-05-210504
				5/4/2021	5/4/2021	5/4/2021
				4 - 5 ft	0 - 2 ft	2 - 5 ft
				N	N	N
				7622534.339	7622534.339	7622534.339
				706378.1959	706378.1959	706378.1959
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			304	--	186 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	52.5	--	37.4 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	256
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			358	--	659
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			643	--	555
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				540 JT	--	424 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	520 JT	--	379 JT
PH-ROD Total HPAH (U = 1/2 max limit)				3400 JT	--	2750 JT
PH-ROD Total LPAH (U = 1/2 max limit)				736 T	--	948 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		4100 JT	--	3700 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	183
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	4.4 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	26.9
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	44.3
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	33
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	274
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	51.9

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-B	USMPDI-031SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-04-05-210504	USMPDI-031SC-B-00-02-210504	USMPDI-031SC-B-02-05-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	20.4 J
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	38.2
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	198
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	101
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	25.0 U
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	75.2
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	9.1 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	48.2
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	130
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	44.4
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	51.5
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	36.4
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	177
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	79.2
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	2.6 J
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	87.1
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	25.0 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-B	USMPDI-031SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-04-05-210504	USMPDI-031SC-B-00-02-210504	USMPDI-031SC-B-02-05-210504
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	--	59.6
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	107
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	45.4
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	75.3
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	35.9
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	148
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	25.0 U
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	11.0 J
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	25.0 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	29.7
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	69.6
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	21.0 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	61.7
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			8.10 UJ	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			9.20 UJ	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.68 UJ	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			17.4 J	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			7.24 J	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			3.68 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-B	USMPDI-031SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-04-05-210504	USMPDI-031SC-B-00-02-210504	USMPDI-031SC-B-02-05-210504
				5/4/2021	5/4/2021	5/4/2021
				4 - 5 ft	0 - 2 ft	2 - 5 ft
				N	N	N
				7622534.339	7622534.339	7622534.339
				706378.1959	706378.1959	706378.1959
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				9.20 UJT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				26.5 JT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				21.5 JT	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				11.8 JT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				3.68 UJT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	37.0 JT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	97 UJ	90 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	97 UJ	90 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.00110 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00189 J	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00169 J	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0134	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00591	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.165	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			1.71	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0155 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0170 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.109	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.368	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00857	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00839	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00474	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0131	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00419	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000774 U	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00237 J	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0217	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00325	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0507	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0396 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0519 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-031SC-A	USMPDI-031SC-B	USMPDI-031SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-031SC-A-04-05-210504	USMPDI-031SC-B-00-02-210504	USMPDI-031SC-B-02-05-210504
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0667 J	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0704 J	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0205 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00984 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0121 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				2.02 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.11 U	--	--
Aroclor 1221	SW8082A			7.11 U	--	--
Aroclor 1232	SW8082A			7.11 U	--	--
Aroclor 1242	SW8082A			6.44 J	--	--
Aroclor 1248	SW8082A			7.11 U	--	--
Aroclor 1254	SW8082A			12.2 J	--	--
Aroclor 1260	SW8082A			8.99 J	--	--
Aroclor 1262	SW8082A			7.11 U	--	--
Aroclor 1268	SW8082A			7.11 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	49.0 JT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	99.7
Motor oil range hydrocarbons	NWTPHDx			--	--	294
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	3.76 UJ	3.62 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-A	USMPDI-033SC-A	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-A-14-15-210427	USMPDI-033SC-A-15-15.5-210427	USMPDI-033SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	4.66 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.6	2.1	2.3
Total Solids	SM2540G			58.3	62.3	48.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	4.05
Cadmium	SW6020B			--	--	0.192 J
Chromium	SW6020B			--	--	28.5
Copper	SW6020B			--	--	38.3
Lead	SW6020B			--	--	10.9
Manganese	SW6020B			--	--	627

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-A	USMPDI-033SC-A	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-A-14-15-210427	USMPDI-033SC-A-15-15.5-210427	USMPDI-033SC-B-00-02-210427
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
				4/27/2021	4/27/2021	4/27/2021
				14 - 15 ft	15 - 15.5 ft	0 - 2 ft
				N	N	N
				7622685.33	7622685.33	7622685.33
				706496.1578	706496.1578	706496.1578
Vanadium	SW6020B			--	--	86.2
Zinc	SW6020B			--	--	94.2
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	82.7 U
1,2-Dichloroethene, cis-	SW8260D			--	--	82.7 U
Benzene	SW8260D			--	--	33.1 U
Chlorobenzene	SW8260D		320	--	--	82.7 U
Ethylbenzene	SW8260D			--	--	82.7 U
m,p-Xylene	SW8260D			--	--	165 U
o-Xylene	SW8260D			--	--	82.7 U
Tetrachloroethene (PCE)	SW8260D			--	--	82.7 U
Toluene	SW8260D			--	--	165 U
Trichloroethene (TCE)	SW8260D			--	--	82.7 U
Vinyl chloride	SW8260D			--	--	82.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	165 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	165 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			307	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			174	--	--
Pentachlorophenol	SW8270E			--	--	506 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			750	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			663	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-A	USMPDI-033SC-A	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-A-14-15-210427	USMPDI-033SC-A-15-15.5-210427	USMPDI-033SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			394	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			412	--	--
2-Methylantracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			805	836 U	23.5 U
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1530	1350	72.4 U
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			109	98.0 J	31.3 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			1260	717	110
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1320	413	398
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1690	792	676
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1140	392	367
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID			USMPDI-033SC-A	USMPDI-033SC-A	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-A-14-15-210427	USMPDI-033SC-A-15-15.5-210427	USMPDI-033SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			1200	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1720	861	719
Benzo(j)fluoranthene	SW8270ESIM			626	195	166
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			566	249 J	221 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270ESIM			29.2	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			119	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1810	478	419
Decalin, cis-	SW8270ESIM			24.9 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			84.8 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			223	129	122
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			129	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			947	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			5150	1820	721
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1230	885	47.8
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-A	USMPDI-033SC-A	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-A-14-15-210427	USMPDI-033SC-A-15-15.5-210427	USMPDI-033SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1090	587	488
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	407	829 U	51.4 U
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			477	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			6640	3460	362
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			6070	2200	904
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2330 T	836 JT	754 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2280 T	1060 JT	926 JT
PH-ROD Total HPAH (U = 1/2 max limit)				21400 T	8100 JT	5200 JT
PH-ROD Total LPAH (U = 1/2 max limit)				12000 T	7340 JT	620 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		33400 T	15000 JT	5800 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			936	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			80	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			712	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			149	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			641	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			2040	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			694	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-A	USMPDI-033SC-A	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-A-14-15-210427	USMPDI-033SC-A-15-15.5-210427	USMPDI-033SC-B-00-02-210427
				4/27/2021	4/27/2021	4/27/2021
				14 - 15 ft	15 - 15.5 ft	0 - 2 ft
				N	N	N
				7622685.33	7622685.33	7622685.33
				706496.1578	706496.1578	706496.1578
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			946	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			275	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			2610	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			468	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			215	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			1350	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			28.5	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			651	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			827	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			762	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			1760	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			159	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			1720	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			277	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			272	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			1260	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			13.8 J	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-A	USMPDI-033SC-A	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-A-14-15-210427	USMPDI-033SC-A-15-15.5-210427	USMPDI-033SC-B-00-02-210427
				4/27/2021	4/27/2021	4/27/2021
				14 - 15 ft	15 - 15.5 ft	0 - 2 ft
				N	N	N
				7622685.33	7622685.33	7622685.33
				706496.1578	706496.1578	706496.1578
	Analytical Method	Site-Wide RAL	PTW Threshold			
C3-Dibenzothiophenes	SW8270ESIM			537	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			509	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			597	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			1750	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			111	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			998	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			93.3	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			114	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			24.9 U	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			425	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			968	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			21.4 J	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			259	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			44.1	42.7	3.97 U
2,4'-DDE (o,p'-DDE)	SW8081B			22.3 U	10.8 U	3.97 U
2,4'-DDT (o,p'-DDT)	SW8081B			7.23 UJ	6.66 UJ	3.97 U
4,4'-DDD (p,p'-DDD)	SW8081B			171	213	8.37 J
4,4'-DDE (p,p'-DDE)	SW8081B			28.4 J	11.7 J	5.93
4,4'-DDT (p,p'-DDT)	SW8081B			21.9	123	3.97 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-A	USMPDI-033SC-A	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-A-14-15-210427	USMPDI-033SC-A-15-15.5-210427	USMPDI-033SC-B-00-02-210427
				4/27/2021	4/27/2021	4/27/2021
				14 - 15 ft	15 - 15.5 ft	0 - 2 ft
				N	N	N
				7622685.33	7622685.33	7622685.33
				706496.1578	706496.1578	706496.1578
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				58.9 JT	51.4 JT	3.97 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				221 JT	348 JT	16.3 JT
PH-ROD Sum DDD (U = 1/2 max limit)				215 T	256 T	10.4 JT
PH-ROD Sum DDE (U = 1/2 max limit)				39.6 JT	17.1 JT	7.92 T
PH-ROD Sum DDT (U = 1/2 max limit)				25.5 JT	126 JT	3.97 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	280 JT	399 JT	22.2 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	100 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	100 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.00179	0.00142	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00129 J	0.000592 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00229 J	0.00149 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0131	0.00651	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0053	0.00289	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.365	0.138	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			6.47	2.41	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0170 J	0.00992 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0202 J	0.0121 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.123	0.0642 J	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.927	0.368	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0802	0.00425	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.159	0.00546	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0758	0.00602	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.306	0.013	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0808	0.00853	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00865	0.000784 J	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0184	0.00446	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.241	0.0546	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0555	0.00581	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.525	0.126	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.251 J	0.0379 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.448	0.0515 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-A	USMPDI-033SC-A	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-A-14-15-210427	USMPDI-033SC-A-15-15.5-210427	USMPDI-033SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.671 J	0.0943 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.753	0.17	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.221 JT	0.0169 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0997 JT	0.00965 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0908 JT	0.0108 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				8.41 JT	2.79 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.45 U	6.30 U	8.23 U
Aroclor 1221	SW8082A			18.1 U	6.30 U	9.70 U
Aroclor 1232	SW8082A			20.6 U	6.30 U	8.23 U
Aroclor 1242	SW8082A			8.06 U	11.7 J	8.23 U
Aroclor 1248	SW8082A			23.1 U	6.30 U	8.23 U
Aroclor 1254	SW8082A			41.3 J	26.5 J	6.92 J
Aroclor 1260	SW8082A			28.6 J	19.4 J	8.23 U
Aroclor 1262	SW8082A			6.45 U	6.30 U	8.23 U
Aroclor 1268	SW8082A			6.45 U	6.30 U	8.23 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	115 JT	76.5 JT	40.6 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			532	--	--
Motor oil range hydrocarbons	NWTPHDx			539	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	4.11 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-02-04-210427	USMPDI-033SC-B-04-06-210427	USMPDI-033SC-B-06-08-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	66
Plastic limit	D4318			--	--	41
Plasticity index	D4318			--	--	25
Specific gravity	D854			--	--	2.63
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			23.9 J	25.4 J	17.2 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	65
Total organic carbon	SM5310BM			2.1	1.9	2.1
Total Solids	SM2540G			49.3	58.2	58.4
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	29.8
Total fines (Reported, not calculated)	D6913			--	--	70.2
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	99
Percent passing 110 micron sieve (#140)	D6913			--	--	77
Percent passing 850 micron sieve (#20)	D6913			--	--	99
Percent passing 425 micron sieve (#40)	D6913			--	--	98
Percent passing 250 micron sieve (#60)	D6913			--	--	97
Percent passing 150 micron sieve (#100)	D6913			--	--	87
Percent passing 75 micron sieve (#200)	D6913			--	--	70
Metals (mg/kg)						
Arsenic	SW6020B			4.98	4.53	5.24
Cadmium	SW6020B			0.338	0.315	0.337
Chromium	SW6020B			32.1	28.4	31.6
Copper	SW6020B			50.1	43.3	47.9
Lead	SW6020B			24.1	32.9	32.1
Manganese	SW6020B			788	730	644

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-02-04-210427	USMPDI-033SC-B-04-06-210427	USMPDI-033SC-B-06-08-210427
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			91	96.2	97.3
Zinc	SW6020B			133	172	211
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			94.9 U	54.3 U	54.9 U
1,2-Dichloroethene, cis-	SW8260D			94.9 U	54.3 U	54.9 U
Benzene	SW8260D			38.0 U	21.7 U	22.0 U
Chlorobenzene	SW8260D		320	94.9 U	54.3 U	54.9 U
Ethylbenzene	SW8260D			94.9 U	54.3 U	54.9 U
m,p-Xylene	SW8260D			190 U	109 U	110 U
o-Xylene	SW8260D			94.9 U	54.3 U	54.9 U
Tetrachloroethene (PCE)	SW8260D			94.9 U	54.3 U	54.9 U
Toluene	SW8260D			190 U	67.4 J	110 U
Trichloroethene (TCE)	SW8260D			94.9 U	54.3 U	54.9 U
Vinyl chloride	SW8260D			94.9 U	54.3 U	54.9 U
PH-ROD Total BTEX (U = 1/2 max limit)				190 UT	187 JT	110 UT
PH-ROD Total Xylene (U = 1/2 max limit)				190 UT	109 UT	110 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			205	384	208
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			35.5	74.5	61.3
Pentachlorophenol	SW8270E			1010 U	1690 U	829 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			47.4	114	196
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			174	515	403

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-02-04-210427	USMPDI-033SC-B-04-06-210427	USMPDI-033SC-B-06-08-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			42.9	165	185
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			35.3	65.3	178
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			84.9	257	227
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			434	3160	791
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			86.5	92.7	116
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			261	899	537
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1230	2320	922
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1870	2790	1200
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1330	2320	829
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-02-04-210427	USMPDI-033SC-B-04-06-210427	USMPDI-033SC-B-06-08-210427
				USMPDI-033SC-B 4/27/2021 2 - 4 ft N 7622685.33 706496.1578	USMPDI-033SC-B 4/27/2021 4 - 6 ft N 7622685.33 706496.1578	USMPDI-033SC-B 4/27/2021 6 - 8 ft N 7622685.33 706496.1578
Benzo(e)pyrene	SW8270ESIM			1330	2150	882
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1900	1640	1260
Benzo(j)fluoranthene	SW8270ESIM			690	1310	487
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			728	1140	448
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270ESIM			15.3 J	22.4 J	25.3
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			141	418	34.1
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1510	3930	1190
Decalin, cis-	SW8270ESIM			25.0 UJ	25.0 UJ	24.9 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			25.0 UJ	25.0 UJ	25.8 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			286	424	183
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			55.1	425	79.8
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			123	502	389
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			2640	8920	3260
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			223	2300	514
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-02-04-210427	USMPDI-033SC-B-04-06-210427	USMPDI-033SC-B-06-08-210427
				4/27/2021	4/27/2021	4/27/2021
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622685.33	7622685.33	7622685.33
				706496.1578	706496.1578	706496.1578
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1250	1820	820
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	200	383	385
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			696	997	393
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			1570	7950	3080
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			2900	7960	3900
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2700 T	4770 T	1760 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2550 T	3880 T	1600 T
PH-ROD Total HPAH (U = 1/2 max limit)				16000 T	34600 T	14000 T
PH-ROD Total LPAH (U = 1/2 max limit)				2900 T	15000 T	5650 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		19000 T	50000 T	20000 T
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			848	1370	726
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			11.9 J	25.4	39.1
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			56	156	171
C1-Dibenz(a,h)anthracenes	SW8270ESIM			161	333	93.6
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			129	380	458
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			1330	3120	1270
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			136	583	344

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
								USMPDI-033SC-B-02-04-210427	USMPDI-033SC-B-04-06-210427	USMPDI-033SC-B-06-08-210427
	Analytical Method	Site-Wide RAL	PTW Threshold							
C1-Naphthalenes	SW8270DMSIM							--	--	--
C1-Naphthalenes	SW8270ESIM							82.2	224	250
C1-Naphthobenzothiophenes	SW8270DMSIM							--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM							208	305	214
C1-Phenanthrenes/Anthracenes	SW8270DMSIM							--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM							652	2040	1710
C2-Benzanthracenes/Chrysenes	SW8270ESIM							445	656	359
C2-Benzo(b)thiophene	SW8270DMSIM							--	--	--
C2-Benzo(b)thiophene	SW8270ESIM							22.7 J	76.1	99.2
C2-Chrysenes	SW8270DMSIM							--	--	--
C2-Decalins	SW8270DMSIM							--	--	--
C2-Decalins	SW8270ESIM							152	328	541
C2-Dibenz(a,h)anthracenes	SW8270ESIM							25.8	76.6	24.1 J
C2-Dibenzothiophenes	SW8270DMSIM							--	--	--
C2-Dibenzothiophenes	SW8270ESIM							191	383	497
C2-Fluoranthenes/Pyrenes	SW8270DMSIM							--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM							547	1030	660
C2-Fluorenes	SW8270DMSIM							--	--	--
C2-Fluorenes	SW8270ESIM							142	364	449
C2-Naphthalenes	SW8270DMSIM							--	--	--
C2-Naphthalenes	SW8270ESIM							122	616	674
C2-Naphthobenzothiophenes	SW8270DMSIM							--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM							139	179	157
C2-Phenanthrenes/Anthracenes	SW8270DMSIM							--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM							570	1290	1360
C3-Benzanthracenes/Chrysenes	SW8270ESIM							216	297	211
C3-Benzo(b)thiophene	SW8270DMSIM							--	--	--
C3-Benzo(b)thiophene	SW8270ESIM							26.1	71.7	104
C3-Chrysenes	SW8270DMSIM							--	--	--
C3-Decalins	SW8270DMSIM							--	--	--
C3-Decalins	SW8270ESIM							156	309	571
C3-Dibenz(a,h)anthracenes	SW8270ESIM							11.9 J	27.2	18.4 J
C3-Dibenzothiophenes	SW8270DMSIM							--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-02-04-210427	USMPDI-033SC-B-04-06-210427	USMPDI-033SC-B-06-08-210427
				Sample ID 4/27/2021	Sample ID 4/27/2021	Sample ID 4/27/2021
				Depth 2 - 4 ft	Depth 4 - 6 ft	Depth 6 - 8 ft
				Sample Type N	Sample Type N	Sample Type N
				Easting 7622685.33	Easting 7622685.33	Easting 7622685.33
				Northing 706496.1578	Northing 706496.1578	Northing 706496.1578
C3-Dibenzothiophenes	SW8270ESIM			159	319	355
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			332	546	433
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			144	333	379
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			169	665	867
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			95.4	115	98.5
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			376	491	800
C4-Benzanthracenes/Chrysenes	SW8270ESIM			70.7	68	63.8
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			25.0 U	30.8	47.5
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25.0 U	25.0 U	24.9 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			180	245	181
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			104	311	532
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			32.7	28.5	32.6
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			153	163	191
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			7.93 U	17.1 U	13.8
2,4'-DDE (o,p'-DDE)	SW8081B			7.93 U	17.1 U	8.64
2,4'-DDT (o,p'-DDT)	SW8081B			7.93 UJ	17.1 UJ	6.62 U
4,4'-DDD (p,p'-DDD)	SW8081B			14.1 J	29.4 J	38.8
4,4'-DDE (p,p'-DDE)	SW8081B			7.21 J	12.5 J	14.2
4,4'-DDT (p,p'-DDT)	SW8081B			15.7	91.7	6.62 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-02-04-210427	USMPDI-033SC-B-04-06-210427	USMPDI-033SC-B-06-08-210427
				4/27/2021	4/27/2021	4/27/2021
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622685.33	7622685.33	7622685.33
				706496.1578	706496.1578	706496.1578
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				7.93 UJT	17.1 UJT	25.8 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				37.0 JT	134 JT	56.3 T
PH-ROD Sum DDD (U = 1/2 max limit)				18.1 JT	38.0 JT	52.6 T
PH-ROD Sum DDE (U = 1/2 max limit)				11.2 JT	21.1 JT	22.8 T
PH-ROD Sum DDT (U = 1/2 max limit)				19.7 JT	100 JT	6.62 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	48.9 JT	159 JT	82.1 T
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			95 U	83 U	84 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			95 U	83 U	84 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-02-04-210427	USMPDI-033SC-B-04-06-210427	USMPDI-033SC-B-06-08-210427
				USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
				Sample ID	Sample ID	Sample ID
				4/27/2021	4/27/2021	4/27/2021
				Depth	Depth	Depth
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				Sample Type	Sample Type	Sample Type
				N	N	N
				Easting	Easting	Easting
				7622685.33	7622685.33	7622685.33
				Northing	Northing	Northing
				706496.1578	706496.1578	706496.1578
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			8.09 U	6.75 U	6.75 U
Aroclor 1221	SW8082A			8.09 U	6.75 U	6.75 U
Aroclor 1232	SW8082A			8.09 U	6.75 U	6.75 U
Aroclor 1242	SW8082A			9.91 J	72.6 J	54.8 J
Aroclor 1248	SW8082A			8.09 U	6.75 U	6.75 U
Aroclor 1254	SW8082A			22.3 J	89.1 J	62.0 J
Aroclor 1260	SW8082A			14.3 J	58.6 J	38.2 J
Aroclor 1262	SW8082A			8.09 U	6.75 U	6.75 U
Aroclor 1268	SW8082A			8.09 U	6.75 U	6.75 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	70.8 JT	241 JT	175 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			228	339	348
Motor oil range hydrocarbons	NWTPHDx			401	404	412
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.83 UJ	3.49 UJ	3.37 UJ

Table 4-3a
Data Summary: Subsurface Sediment

			Location ID	USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
			Sample ID	USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
			Sample Date	4/27/2021	4/27/2021	4/27/2021
			Depth	8 - 10 ft	10 - 12 ft	12 - 14 ft
			Sample Type	N	N	N
			Easting	7622685.33	7622685.33	7622685.33
			Northing	706496.1578	706496.1578	706496.1578
	Analytical Method	Site-Wide RAL	PTW Threshold			
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			19.0 J	24.7 J	26.7 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.6	2.6	2.9
Total Solids	SM2540G			57.5	58.3	58.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.62	5.13	4.85
Cadmium	SW6020B			0.405	0.359	0.327
Chromium	SW6020B			32.9	32.1	28.9
Copper	SW6020B			57.5	50	45.2
Lead	SW6020B			34.1	27.9	25.6
Manganese	SW6020B			715	683	649

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
				USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				96.9	99.1	91.9
Vanadium	SW6020B			202	170	144
Zinc	SW6020B					
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			56.8 U	232 U	66.7 U
1,2-Dichloroethene, cis-	SW8260D			56.8 U	232 U	66.7 U
Benzene	SW8260D			22.7 U	92.8 U	26.7 U
Chlorobenzene	SW8260D		320	56.8 U	232 U	66.7 U
Ethylbenzene	SW8260D			56.8 U	232 U	66.7 U
m,p-Xylene	SW8260D			114 U	464 U	133 U
o-Xylene	SW8260D			56.8 U	232 U	66.7 U
Tetrachloroethene (PCE)	SW8260D			56.8 U	232 U	66.7 U
Toluene	SW8260D			114 U	464 U	133 U
Trichloroethene (TCE)	SW8260D			56.8 U	232 U	66.7 U
Vinyl chloride	SW8260D			56.8 U	232 U	66.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				114 UT	464 UT	133 UT
PH-ROD Total Xylene (U = 1/2 max limit)				114 UT	464 UT	133 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			294	1060	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			69.6	251	--
Pentachlorophenol	SW8270E			1710 U	1630 U	1620 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			877	3080	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			1010	3550	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			394	2050	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			508	2620	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			491	3840	1310 U
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1250	3860	3340
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			112	319	252 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			1210	3880	3830
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1100	5050 J	3660
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1170	2810	4540
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			757	1960	2420
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			849	2450	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1140	1990	4120 J
Benzo(j)fluoranthene	SW8270ESIM			440	1180	1070
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			434	1010	1490 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270ESIM			19.1 J	85.5	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			150	494	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1420	6250 J	4090
Decalin, cis-	SW8270ESIM			25.0 UJ	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			35.4 J	95.6 J	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			167	446	635 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			110	485	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			964	3580	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			3520	10500	8900
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			987	3480	2360
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Analytical Method	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
				Sample ID	USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
				Sample Date	4/27/2021	4/27/2021	4/27/2021
				Depth	8 - 10 ft	10 - 12 ft	12 - 14 ft
				Sample Type	N	N	N
				Easting	7622685.33	7622685.33	7622685.33
				Northing	706496.1578	706496.1578	706496.1578
Indeno(1,2,3-c,d)pyrene	SW8270E				--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				731	1730	2820 J
Naphthalene	SW8270DMSIM		140000		--	--	--
Naphthalene	SW8270E		140000		--	--	--
Naphthalene	SW8270ESIM		140000		227	1030	1540 U
Perylene	SW8270DMSIM				--	--	--
Perylene	SW8270ESIM				340	841	--
Phenanthrene	SW8270DMSIM				--	--	--
Phenanthrene	SW8270E				--	--	--
Phenanthrene	SW8270ESIM				5950	22800	12000
Pyrene	SW8270DMSIM				--	--	--
Pyrene	SW8270E				--	--	--
Pyrene	SW8270ESIM				4460	14200	11100
Retene	SW8270DMSIM				--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					1600 T	4150 T	4980 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000		1600 T	4150 JT	6080 JT
PH-ROD Total HPAH (U = 1/2 max limit)					15000 T	47100 JT	45000 JT
PH-ROD Total LPAH (U = 1/2 max limit)					10200 T	39200 T	23000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000			26000 T	86300 JT	68000 JT
3-Methylphenanthrene	SW8270DMSIM				--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM				1160	4530	--
C1-Benzo(b)thiophene	SW8270DMSIM				--	--	--
C1-Benzo(b)thiophene	SW8270ESIM				105	460	--
C1-Chrysenes	SW8270DMSIM				--	--	--
C1-Decalins	SW8270DMSIM				--	--	--
C1-Decalins	SW8270ESIM				227	479	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM				132	545	--
C1-Dibenzothiophenes	SW8270DMSIM				--	--	--
C1-Dibenzothiophenes	SW8270ESIM				1080	4590	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM				--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM				2580	10500	--
C1-Fluorenes	SW8270DMSIM				--	--	--
C1-Fluorenes	SW8270ESIM				858	3570	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			894	4960	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			378	1600	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			4490	17700	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			765	3090	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			277	1460	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			789	1340	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			66.3	284	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			1120	4600	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			1440	6310	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			1020	3430	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			2020	10400	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			305	1270	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			3360	11800	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			388	1480	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			291	1820	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			698	1240	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			22.7 J	107	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
								USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
	Analytical Method	Site-Wide RAL	PTW Threshold							
C3-Dibenzothiophenes	SW8270ESIM							704	2630	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM							--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM							932	3880	--
C3-Fluorenes	SW8270DMSIM							--	--	--
C3-Fluorenes	SW8270ESIM							834	2800	--
C3-Naphthalenes	SW8270DMSIM							--	--	--
C3-Naphthalenes	SW8270ESIM							1810	9110	--
C3-Naphthobenzothiophenes	SW8270DMSIM							--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM							185	761	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM							--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM							1780	6450	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM							145	544	--
C4-Benzo(b)thiophene	SW8270DMSIM							--	--	--
C4-Chrysenes	SW8270DMSIM							--	--	--
C4-Decalins	SW8270DMSIM							--	--	--
C4-Decalins	SW8270ESIM							52.6	105	--
C4-Dibenzothiophenes	SW8270DMSIM							--	--	--
C4-Dibenzothiophenes	SW8270ESIM							25.0 U	908	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM							--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM							185	896	--
C4-Naphthalenes	SW8270DMSIM							--	--	--
C4-Naphthalenes	SW8270ESIM							561	3940	--
C4-Naphthobenzothiophenes	SW8270DMSIM							--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM							55.2	271	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM							--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM							443	1820	--
Pesticides (µg/kg)										
2,4'-DDD (o,p'-DDD)	SW8081B							8.75	9.59 J	32.3
2,4'-DDE (o,p'-DDE)	SW8081B							9.85	17.1 U	16.1 U
2,4'-DDT (o,p'-DDT)	SW8081B							6.89 U	17.1 UJ	16.1 UJ
4,4'-DDD (p,p'-DDD)	SW8081B							31.9	42.8	92.6
4,4'-DDE (p,p'-DDE)	SW8081B							20.4	18.1	21.7
4,4'-DDT (p,p'-DDT)	SW8081B							10.3 U	17.1 U	19.7

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
				USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
				4/27/2021	4/27/2021	4/27/2021
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622685.33	7622685.33	7622685.33
				706496.1578	706496.1578	706496.1578
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				22.0 T	26.7 JT	48.4 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				57.5 T	69.5 T	134 T
PH-ROD Sum DDD (U = 1/2 max limit)				40.7 T	52.4 JT	125 T
PH-ROD Sum DDE (U = 1/2 max limit)				30.3 T	26.7 T	29.8 T
PH-ROD Sum DDT (U = 1/2 max limit)				10.3 UT	17.1 UJT	27.8 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	79.5 T	96.1 JT	182 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			86 U	85 U	83 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			86 U	85 U	83 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID			USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
				USMPDI-033SC-B	USMPDI-033SC-B	USMPDI-033SC-B
				USMPDI-033SC-B-08-10-210427	USMPDI-033SC-B-10-12-210427	USMPDI-033SC-B-12-14-210427
				4/27/2021	4/27/2021	4/27/2021
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622685.33	7622685.33	7622685.33
				706496.1578	706496.1578	706496.1578
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.78 U	6.77 U	13.7 U
Aroclor 1221	SW8082A			6.78 U	6.77 U	12.9 U
Aroclor 1232	SW8082A			6.78 U	6.77 U	15.1 U
Aroclor 1242	SW8082A			44.1	11.9 J	19.9 U
Aroclor 1248	SW8082A			6.78 U	6.77 U	6.61 U
Aroclor 1254	SW8082A			71.4 J	45.5 J	34.8 J
Aroclor 1260	SW8082A			51.5 J	39.2 J	29.6 J
Aroclor 1262	SW8082A			6.78 U	6.77 U	6.61 U
Aroclor 1268	SW8082A			6.78 U	6.77 U	6.61 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	187 JT	117 JT	105 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			308	713	--
Motor oil range hydrocarbons	NWTPHDx			276	501	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.32 UJ	4.12 J	3.86 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-035SC-A	USMPDI-035SC-A
	Sample ID			USMPDI-033SC-B-14-15.5-210427	USMPDI-035SC-A-01-02-210504	USMPDI-035SC-A-02-03-210504
	Sample Date			4/27/2021	5/4/2021	5/4/2021
	Depth			14 - 15.5 ft	1 - 2 ft	2 - 3 ft
	Sample Type			N	N	N
	Easting			7622685.33	7622559.413	7622559.413
	Northing			706496.1578	706207.272	706207.272
	Analytical Method	Site-Wide RAL	PTW Threshold			
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			39.5 J	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	1.9	1.8
Total Solids	SM2540G			60.2	54.2	55.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.1	--	--
Cadmium	SW6020B			0.599	--	--
Chromium	SW6020B			31.4	--	--
Copper	SW6020B			47.8	--	--
Lead	SW6020B			28	--	--
Manganese	SW6020B			738	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Analytical Method	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-033SC-B	USMPDI-035SC-A	USMPDI-035SC-A
				Sample ID	USMPDI-033SC-B-14-15.5-210427	USMPDI-035SC-A-01-02-210504	USMPDI-035SC-A-02-03-210504
				Sample Date	4/27/2021	5/4/2021	5/4/2021
				Depth	14 - 15.5 ft	1 - 2 ft	2 - 3 ft
				Sample Type	N	N	N
				Easting	7622685.33	7622559.413	7622559.413
				Northing	706496.1578	706207.272	706207.272
Vanadium	SW6020B				99.9	--	--
Zinc	SW6020B				139	--	--
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM				--	--	--
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D				57.0 U	--	--
1,2-Dichloroethene, cis-	SW8260D				57.0 U	--	--
Benzene	SW8260D				22.8 U	--	--
Chlorobenzene	SW8260D		320		57.0 U	--	--
Ethylbenzene	SW8260D				57.0 U	--	--
m,p-Xylene	SW8260D				114 U	--	--
o-Xylene	SW8260D				57.0 U	--	--
Tetrachloroethene (PCE)	SW8260D				57.0 U	--	--
Toluene	SW8260D				114 U	--	--
Trichloroethene (TCE)	SW8260D				57.0 U	--	--
Vinyl chloride	SW8260D				57.0 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)					114 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)					114 UT	--	--
Semivolatile Organics (µg/kg)							
1-Methylpyrene	SW8270DMSIM				--	--	--
2-Methylpyrene	SW8270DMSIM				--	--	--
4-Methylpyrene	SW8270DMSIM				--	--	--
Benzo(b)fluorene	SW8270DMSIM				--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM				--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM				--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM				--	--	--
Pentachlorophenol	SW8270E				821 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)							
1-Methyldibenzothiophene	SW8270DMSIM				--	--	--
1-Methylnaphthalene	SW8270DMSIM				--	--	--
1-Methylnaphthalene	SW8270ESIM				--	--	--
1-Methylphenanthrene	SW8270DMSIM				--	--	--
1-Methylphenanthrene	SW8270ESIM				--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	USMPDI-033SC-B	USMPDI-035SC-A	USMPDI-035SC-A
								USMPDI-033SC-B-14-15.5-210427	USMPDI-035SC-A-01-02-210504	USMPDI-035SC-A-02-03-210504
	Analytical Method	Site-Wide RAL	PTW Threshold							
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM							--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM							--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM							--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM							--	--	--
2-Methylanthracene	SW8270DMSIM							--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM							--	--	--
2-Methylnaphthalene	SW8270DMSIM							--	--	--
2-Methylnaphthalene	SW8270E							--	--	--
2-Methylnaphthalene	SW8270ESIM							--	13	7
2-Methylphenanthrene	SW8270DMSIM							--	--	--
4-Methyldibenzothiophene	SW8270DMSIM							--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM							--	--	--
Acenaphthene	SW8270DMSIM							--	--	--
Acenaphthene	SW8270E							--	--	--
Acenaphthene	SW8270ESIM							--	96.4	49.2
Acenaphthylene	SW8270DMSIM							--	--	--
Acenaphthylene	SW8270E							--	--	--
Acenaphthylene	SW8270ESIM							--	12.4	11.1
Anthracene	SW8270DMSIM							--	--	--
Anthracene	SW8270E							--	--	--
Anthracene	SW8270ESIM							--	111	77
Benzo(a)anthracene	SW8270DMSIM							--	--	--
Benzo(a)anthracene	SW8270E							--	--	--
Benzo(a)anthracene	SW8270ESIM							--	476	393
Benzo(a)fluoranthene	SW8270DMSIM							--	--	--
Benzo(a)pyrene	SW8270DMSIM							--	--	--
Benzo(a)pyrene	SW8270E							--	--	--
Benzo(a)pyrene	SW8270ESIM							--	734	593
Benzo(b)fluoranthene	SW8270DMSIM							--	--	--
Benzo(b)fluoranthene	SW8270E							--	--	--
Benzo(b)fluoranthene	SW8270ESIM							--	498	435
Benzo(c)fluorene	SW8270DMSIM							--	--	--
Benzo(e)pyrene	SW8270DMSIM							--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-035SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-14-15.5-210427	USMPDI-035SC-A-01-02-210504	USMPDI-035SC-A-02-03-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	690	563
Benzo(j)fluoranthene	SW8270ESIM			--	237 J	185 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	295 J	259 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	490	401
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	166	131
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	754	646
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	64.1	34.1
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-035SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-14-15.5-210427	USMPDI-035SC-A-01-02-210504	USMPDI-035SC-A-02-03-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	535	434
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	31.6	18.5
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	332	267
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	761	650
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	1030 JT	879 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	1100 JT	853 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	5600 JT	4700 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	661 T	464 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	6300 JT	5200 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-035SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-14-15.5-210427	USMPDI-035SC-A-01-02-210504	USMPDI-035SC-A-02-03-210504
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			4/27/2021	5/4/2021	5/4/2021
C1-Naphthalenes	SW8270ESIM			14 - 15.5 ft	1 - 2 ft	2 - 3 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622685.33	7622559.413	7622559.413
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706496.1578	706207.272	706207.272
C1-Phenanthrenes/Anthracenes	SW8270ESIM					
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-035SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-14-15.5-210427	USMPDI-035SC-A-01-02-210504	USMPDI-035SC-A-02-03-210504
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	3.53 UJ	3.44 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			--	3.71 UJ	3.44 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			--	3.53 UJ	3.44 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			--	4.63 J	5.39 J
4,4'-DDE (p,p'-DDE)	SW8081B			--	2.31 J	2.83 J
4,4'-DDT (p,p'-DDT)	SW8081B			--	3.53 UJ	1.80 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-035SC-A	USMPDI-035SC-A
				USMPDI-033SC-B-14-15.5-210427	USMPDI-035SC-A-01-02-210504	USMPDI-035SC-A-02-03-210504
				4/27/2021	5/4/2021	5/4/2021
				14 - 15.5 ft	1 - 2 ft	2 - 3 ft
				N	N	N
				7622685.33	7622559.413	7622559.413
				706496.1578	706207.272	706207.272
	Analytical Method	Site-Wide RAL	PTW Threshold			
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	3.71 UJT	3.44 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	8.71 JT	10.0 JT
PH-ROD Sum DDD (U = 1/2 max limit)				--	6.40 JT	7.11 JT
PH-ROD Sum DDE (U = 1/2 max limit)				--	4.17 JT	4.55 JT
PH-ROD Sum DDT (U = 1/2 max limit)				--	3.53 UJT	3.52 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	14.1 JT	15.2 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			83 U	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			83 U	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000810 J	0.000295 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000184 J	0.000407 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000327 J	0.000613 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00144 J	0.00266
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000745 J	0.00133 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0305	0.0636
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.304	0.635
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00133 J	0.00681 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00169 J	0.00487 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00926	0.0236 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0628	0.141
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.000707	0.00451
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00105 U	0.0113
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.000541 J	0.0037
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.00150 J	0.0344
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000530 J	0.00746
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000307 U	0.00178 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.000347 J	0.00168 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00371	0.0121
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.000452 J	0.00324
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0105	0.0258
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.00237	0.0163 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.00511 J	0.0338 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-033SC-B	USMPDI-035SC-A	USMPDI-035SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-033SC-B-14-15.5-210427	USMPDI-035SC-A-01-02-210504	USMPDI-035SC-A-02-03-210504
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00835 J	0.0662 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0112	0.0369
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.00203 JT	0.0150 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00114 JT	0.00841 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00146 JT	0.00849 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.356 JT	0.809 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	7.29 U	7.08 U
Aroclor 1221	SW8082A			--	7.29 U	7.08 U
Aroclor 1232	SW8082A			--	8.75 U	7.08 U
Aroclor 1242	SW8082A			--	7.29 U	4.11 J
Aroclor 1248	SW8082A			--	8.02 U	7.08 U
Aroclor 1254	SW8082A			--	6.25 J	6.40 J
Aroclor 1260	SW8082A			--	5.34 J	3.79 J
Aroclor 1262	SW8082A			--	7.29 U	7.08 U
Aroclor 1268	SW8082A			--	8.15 J	7.08 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	42.7 JT	35.5 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.89 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	USMPDI-035SC-A	USMPDI-035SC-A	USMPDI-035SC-B
								USMPDI-035SC-A-03-04-210504	USMPDI-035SC-A-04-05-210504	USMPDI-035SC-B-00-02-210504
	Analytical Method	Site-Wide RAL	PTW Threshold							
Conventional Parameters (unitless)										
Liquid limit	D4318				--	--	--			
Plastic limit	D4318				--	--	--			
Plasticity index	D4318				--	--	--			
Specific gravity	D854				--	--	--			
Conventional Parameters (mg/kg)										
Cyanide	D7511-12				--	--	--			0.622
Conventional Parameters (pct)										
Moisture (water) content	D2216				--	--	--			--
Total organic carbon	SM5310BM				2.1	1.9	--			--
Total Solids	SM2540G				54.1	52.2	52.9			--
Grain Size (pct)										
Gravel	D6913				--	--	--			--
Sand	D6913				--	--	--			--
Total fines (Reported, not calculated)	D6913				--	--	--			--
Percent passing 0.75 inch (3/4 inch sieve)	D6913				--	--	--			--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--			--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--			--
Percent passing 4750 micron sieve (#4)	D6913				--	--	--			--
Percent passing 2000 micron sieve (#10)	D6913				--	--	--			--
Percent passing 110 micron sieve (#140)	D6913				--	--	--			--
Percent passing 850 micron sieve (#20)	D6913				--	--	--			--
Percent passing 425 micron sieve (#40)	D6913				--	--	--			--
Percent passing 250 micron sieve (#60)	D6913				--	--	--			--
Percent passing 150 micron sieve (#100)	D6913				--	--	--			--
Percent passing 75 micron sieve (#200)	D6913				--	--	--			--
Metals (mg/kg)										
Arsenic	SW6020B				--	--	--			4.53
Cadmium	SW6020B				--	--	--			0.209
Chromium	SW6020B				--	--	--			39.2
Copper	SW6020B				--	--	--			40.3
Lead	SW6020B				--	--	--			16.8
Manganese	SW6020B				--	--	--			423

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-A	USMPDI-035SC-A	USMPDI-035SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-A-03-04-210504	USMPDI-035SC-A-04-05-210504	USMPDI-035SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	97.9
Zinc	SW6020B			--	--	93.1
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	75.7 U
1,2-Dichloroethene, cis-	SW8260D			--	--	75.7 U
Benzene	SW8260D			--	--	30.3 U
Chlorobenzene	SW8260D		320	--	--	75.7 U
Ethylbenzene	SW8260D			--	--	75.7 U
m,p-Xylene	SW8260D			--	--	151 U
o-Xylene	SW8260D			--	--	75.7 U
Tetrachloroethene (PCE)	SW8260D			--	--	75.7 U
Toluene	SW8260D			--	--	151 U
Trichloroethene (TCE)	SW8260D			--	--	75.7 U
Vinyl chloride	SW8260D			--	--	75.7 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	151 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	151 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	--	915 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing	USMPDI-035SC-A	USMPDI-035SC-A	USMPDI-035SC-B
								USMPDI-035SC-A-03-04-210504	USMPDI-035SC-A-04-05-210504	USMPDI-035SC-B-00-02-210504
	Analytical Method	Site-Wide RAL	PTW Threshold							
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM							--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM							--	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM							--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM							--	--	--
2-Methylanthracene	SW8270DMSIM							--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM							--	--	--
2-Methylnaphthalene	SW8270DMSIM							--	--	--
2-Methylnaphthalene	SW8270E							--	--	--
2-Methylnaphthalene	SW8270ESIM							12.2	30.5	--
2-Methylphenanthrene	SW8270DMSIM							--	--	--
4-Methyldibenzothiophene	SW8270DMSIM							--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM							--	--	--
Acenaphthene	SW8270DMSIM							--	--	--
Acenaphthene	SW8270E							--	--	--
Acenaphthene	SW8270ESIM							118	195	--
Acenaphthylene	SW8270DMSIM							--	--	--
Acenaphthylene	SW8270E							--	--	--
Acenaphthylene	SW8270ESIM							15	37.7	--
Anthracene	SW8270DMSIM							--	--	--
Anthracene	SW8270E							--	--	--
Anthracene	SW8270ESIM							101	162	--
Benzo(a)anthracene	SW8270DMSIM							--	--	--
Benzo(a)anthracene	SW8270E							--	--	--
Benzo(a)anthracene	SW8270ESIM							417	796	--
Benzo(a)fluoranthene	SW8270DMSIM							--	--	--
Benzo(a)pyrene	SW8270DMSIM							--	--	--
Benzo(a)pyrene	SW8270E							--	--	--
Benzo(a)pyrene	SW8270ESIM							627	1050	--
Benzo(b)fluoranthene	SW8270DMSIM							--	--	--
Benzo(b)fluoranthene	SW8270E							--	--	--
Benzo(b)fluoranthene	SW8270ESIM							414	790	--
Benzo(c)fluorene	SW8270DMSIM							--	--	--
Benzo(e)pyrene	SW8270DMSIM							--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-A	USMPDI-035SC-A	USMPDI-035SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-A-03-04-210504	USMPDI-035SC-A-04-05-210504	USMPDI-035SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			626	1110 J	--
Benzo(j)fluoranthene	SW8270ESIM			199	338	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			271 J	356 J	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			424	835	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			129	216	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			758	1330	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			72.1	95.2	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID			USMPDI-035SC-A	USMPDI-035SC-A	USMPDI-035SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-A-03-04-210504	USMPDI-035SC-A-04-05-210504	USMPDI-035SC-B-00-02-210504
				Sample Date 5/4/2021	Sample Date 5/4/2021	Sample Date 5/4/2021
				Depth 3 - 4 ft	Depth 4 - 5 ft	Depth 0 - 2 ft
				Sample Type N	Sample Type N	Sample Type N
				Easting 7622559.413	Easting 7622559.413	Easting 7622559.413
				Northing 706207.272	Northing 706207.272	Northing 706207.272
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			451	775	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	27.5	70.6	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			398	666	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			779	1470	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				884 JT	1500 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	887 JT	1500 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				5100 JT	9100 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				744 T	1260 T	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		5840 JT	10000 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-A	USMPDI-035SC-A	USMPDI-035SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-A-03-04-210504	USMPDI-035SC-A-04-05-210504	USMPDI-035SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-A	USMPDI-035SC-A	USMPDI-035SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-A-03-04-210504	USMPDI-035SC-A-04-05-210504	USMPDI-035SC-B-00-02-210504
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.64 UJ	3.67 UJ	--
2,4'-DDE (o,p'-DDE)	SW8081B			3.64 UJ	6.42 UJ	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.64 U	3.67 UJ	--
4,4'-DDD (p,p'-DDD)	SW8081B			10.7	11.2 J	--
4,4'-DDE (p,p'-DDE)	SW8081B			4.65	6.63 J	--
4,4'-DDT (p,p'-DDT)	SW8081B			3.68 J	14.3 J	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID			USMPDI-035SC-A	USMPDI-035SC-A	USMPDI-035SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-A-03-04-210504	USMPDI-035SC-A-04-05-210504	USMPDI-035SC-B-00-02-210504
				5/4/2021	5/4/2021	5/4/2021
				3 - 4 ft	4 - 5 ft	0 - 2 ft
				N	N	N
				7622559.413	7622559.413	7622559.413
				706207.272	706207.272	706207.272
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.64 UJT	6.42 UJT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				19.0 JT	32.1 JT	--
PH-ROD Sum DDD (U = 1/2 max limit)				12.5 JT	13.0 JT	--
PH-ROD Sum DDE (U = 1/2 max limit)				6.47 JT	9.84 JT	--
PH-ROD Sum DDT (U = 1/2 max limit)				5.50 JT	16.1 JT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	24.5 JT	39.0 JT	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	90 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	90 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000155 J	0.000722 J	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000291 J	0.00190 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000314 J	0.00323	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00171 J	0.0194	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000897 J	0.00845	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.043	0.352	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.479	3.81	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00170 J	0.00730 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00226 J	0.0203 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0138 J	0.154	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.0921	0.784	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.00162	0.014	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.00214 J	0.0365	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00132 J	0.0138	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0049	0.067	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00124 J	0.0158	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000250 U	0.00250 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000635 J	0.0054	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0106	0.0556	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00128 J	0.0105	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0462	0.136	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.00630 J	0.0569 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0101	0.115 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-A	USMPDI-035SC-A	USMPDI-035SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-A-03-04-210504	USMPDI-035SC-A-04-05-210504	USMPDI-035SC-B-00-02-210504
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0175 J	0.175 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0357	0.164	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.00463 JT	0.0456 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.00238 JT	0.0243 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.00276 JT	0.0267 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.595 JT	4.55 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.37 U	7.47 U	--
Aroclor 1221	SW8082A			7.37 U	7.47 U	--
Aroclor 1232	SW8082A			7.37 U	7.47 U	--
Aroclor 1242	SW8082A			6.39 J	11.6 J	--
Aroclor 1248	SW8082A			7.37 U	7.47 U	--
Aroclor 1254	SW8082A			8.76 J	33.9 J	--
Aroclor 1260	SW8082A			5.21 J	18.1 J	--
Aroclor 1262	SW8082A			7.37 U	7.47 U	--
Aroclor 1268	SW8082A			7.37 U	7.47 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	42.5 JT	86.0 JT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	3.8 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-B	USMPDI-036SC-A	USMPDI-036SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-B-02-05-210504	USMPDI-036SC-A-10-11-210501	USMPDI-036SC-A-11-12.1-210501
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
		5/4/2021	2 - 5 ft	N	7622559.413	706207.272
		5/1/2021	10 - 11 ft	N	7622655.11	706286.0548
		5/1/2021	11 - 12.1 ft	N	7622655.11	706286.0548
Conventional Parameters (unitless)						
Liquid limit	D4318			89	--	--
Plastic limit	D4318			51	--	--
Plasticity index	D4318			38	--	--
Specific gravity	D854			2.68	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			2.92	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			79.7	--	--
Total organic carbon	SM5310BM			--	2.3	2.6
Total Solids	SM2540G			55.1	58	57.3
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			2.8	--	--
Total fines (Reported, not calculated)	D6913			97.2	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			99	--	--
Percent passing 850 micron sieve (#20)	D6913			100	--	--
Percent passing 425 micron sieve (#40)	D6913			100	--	--
Percent passing 250 micron sieve (#60)	D6913			100	--	--
Percent passing 150 micron sieve (#100)	D6913			99	--	--
Percent passing 75 micron sieve (#200)	D6913			97	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.67	--	--
Cadmium	SW6020B			0.292	--	--
Chromium	SW6020B			42.7	--	--
Copper	SW6020B			52.7	--	--
Lead	SW6020B			37.4	--	--
Manganese	SW6020B			650	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-B	USMPDI-036SC-A	USMPDI-036SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-B-02-05-210504	USMPDI-036SC-A-10-11-210501	USMPDI-036SC-A-11-12.1-210501
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			117	--	--
Zinc	SW6020B			121	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			65.6 U	--	--
1,2-Dichloroethene, cis-	SW8260D			65.6 U	--	--
Benzene	SW8260D			26.2 U	--	--
Chlorobenzene	SW8260D		320	65.6 U	--	--
Ethylbenzene	SW8260D			65.6 U	--	--
m,p-Xylene	SW8260D			131 U	--	--
o-Xylene	SW8260D			65.6 U	--	--
Tetrachloroethene (PCE)	SW8260D			65.6 U	--	--
Toluene	SW8260D			131 U	--	--
Trichloroethene (TCE)	SW8260D			65.6 U	--	--
Vinyl chloride	SW8260D			65.6 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				131 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				131 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			250 U	190	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			250 UJ	32.0 J	--
Pentachlorophenol	SW8270E			875 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			250 UJ	60.4 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			45.2 J	246	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-B	USMPDI-036SC-A	USMPDI-036SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-B-02-05-210504	USMPDI-036SC-A-10-11-210501	USMPDI-036SC-A-11-12.1-210501
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			250 UJ	97.5 J	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			250 UJ	177 J	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			25.8 J	84.1 J	221
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			155 J	706 J	893
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			250 UJ	77.6 J	102
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			101 J	379	1600
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			483	1150	947
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			729	1760	1000
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			486 J	1220	694
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-B	USMPDI-036SC-A	USMPDI-036SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-B-02-05-210504	USMPDI-036SC-A-10-11-210501	USMPDI-036SC-A-11-12.1-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			451	1110	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			557	1570	1010 J
Benzo(j)fluoranthene	SW8270ESIM			293 J	642	294
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			346	612	395 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270DMSIM			--	--	--
Benzo(b)thiophene	SW8270ESIM			250 UJ	11.2 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			53.6 J	129	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			568	1450	1180
Decalin, cis-	SW8270ESIM			250 UJ	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			250 UJ	21.6 J	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			106 J	240	158
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			36.3 J	112 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			250 U	226	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			988	3250	2520
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			81.2 J	441 J	838
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID			USMPDI-035SC-B	USMPDI-036SC-A	USMPDI-036SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-B-02-05-210504	USMPDI-036SC-A-10-11-210501	USMPDI-036SC-A-11-12.1-210501
				Sample ID	Sample Date	Sample Date
				5/4/2021	5/1/2021	5/1/2021
				Depth	10 - 11 ft	11 - 12.1 ft
				2 - 5 ft	N	N
				Sample Type	7622655.11	7622655.11
				Easting	706207.272	706286.0548
				Northing		
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			444 J	1280	688
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	59.8 J	141 J	318
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			434	545	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			532	2750	3890
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			1020	3470	2970
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1130 JT	2470 T	1380 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	980 JT	2400 T	1400 JT
PH-ROD Total HPAH (U = 1/2 max limit)				6020 JT	17000 T	12000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				1080 JT	4580 JT	7900 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		7100 JT	21000 JT	20000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			321	789	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			250 U	32.6	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			35.8 J	127	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			89.1 J	225	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			250 U	221	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			431	1450	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			32.9 J	231	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID Sample ID Sample Date Depth Sample Type Easting Northing			USMPDI-035SC-B USMPDI-035SC-B-02-05-210504 5/4/2021 2 - 5 ft N 7622559.413 706207.272	USMPDI-036SC-A USMPDI-036SC-A-10-11-210501 5/1/2021 10 - 11 ft N 7622655.11 706286.0548	USMPDI-036SC-A USMPDI-036SC-A-11-12.1-210501 5/1/2021 11 - 12.1 ft N 7622655.11 706286.0548
	Analytical Method	Site-Wide RAL	PTW Threshold			
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			26.9 J	95.7	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			250 U	153	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			191 J	1170	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			250 U	420	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			250 U	97.6	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			82.9 J	394	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			250 U	52.6	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			39.0 J	306	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			169 J	581	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			32.5 J	261	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			40.7 J	572	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			164 J	116	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			155 J	986	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			72.5 J	216	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			250 U	75.7	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			250 U	463	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			250 U	29.7	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-B	USMPDI-036SC-A	USMPDI-036SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-B-02-05-210504	USMPDI-036SC-A-10-11-210501	USMPDI-036SC-A-11-12.1-210501
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			5/4/2021	5/1/2021	5/1/2021
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			2 - 5 ft	10 - 11 ft	11 - 12.1 ft
C3-Fluoranthenes/Pyrenes	SW8270ESIM			N	N	N
C3-Fluorenes	SW8270DMSIM			7622559.413	7622655.11	7622655.11
C3-Fluorenes	SW8270ESIM			706207.272	706286.0548	706286.0548
C3-Naphthalenes	SW8270DMSIM					
C3-Naphthalenes	SW8270ESIM			45.4 J	238	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			107 J	373	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			34.8 J	251	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			43.1 J	684	--
C4-Chrysenes	SW8270ESIM			--	--	--
C4-Decalins	SW8270DMSIM			250 U	85.2	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270DMSIM			113 J	684	--
C4-Dibenzothiophenes	SW8270ESIM			250 U	81.6	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			250 U	39.6	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			250 U	25.0 U	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			59.7 J	160	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			40.8 J	389	--
				--	--	--
				250 U	34.8	--
				--	--	--
				250 U	174	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	7.72 U	7.92 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	8.75 J	7.06 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			--	5.49 U	4.65 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	19.8 J	16.5 J
4,4'-DDE (p,p'-DDE)	SW8081B			--	8.06 UJ	11.9 J
4,4'-DDT (p,p'-DDT)	SW8081B			--	10.1 U	4.82 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-B	USMPDI-036SC-A	USMPDI-036SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-B-02-05-210504	USMPDI-036SC-A-10-11-210501	USMPDI-036SC-A-11-12.1-210501
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				5/4/2021	5/1/2021	5/1/2021
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2 - 5 ft	10 - 11 ft	11 - 12.1 ft
PH-ROD Sum DDD (U = 1/2 max limit)				N	N	N
PH-ROD Sum DDE (U = 1/2 max limit)				7622559.413	7622655.11	7622655.11
PH-ROD Sum DDT (U = 1/2 max limit)				706207.272	706286.0548	706286.0548
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	15.4 JT	7.92 UJT
				--	28.9 JT	30.8 JT
				--	23.7 JT	20.5 JT
				--	12.8 JT	15.4 JT
				--	10.1 UT	4.82 UJT
				--	44.2 JT	40.6 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			89 UJ	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			89 UJ	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000257 J	0.0065
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000245 J	0.00849
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000174 J	0.00861
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00122 J	0.0401
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000466 J	0.0191
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0256	0.88
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	0.358	14.4
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00117 J	0.0293 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.00147 J	0.0531
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00958 J	0.305
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.0557	1.79
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0091	0.17
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0189	0.186
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.00667	0.115
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.0389	0.352
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00996	0.0917
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00117 J	0.0175
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.00214 J	0.0296
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0238	0.246
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.00685	0.0628
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.0331	0.598
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.0297 J	0.675 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.0425	0.743 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-035SC-B	USMPDI-036SC-A	USMPDI-036SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-035SC-B-02-05-210504	USMPDI-036SC-A-10-11-210501	USMPDI-036SC-A-11-12.1-210501
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0643 J	0.844
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0443	0.748
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0238 JT	0.38 T
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0109 JT	0.15 T
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0101 JT	0.14 T
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	0.537 JT	17 T
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	6.67 U	6.88 U
Aroclor 1221	SW8082A			--	6.67 U	6.88 U
Aroclor 1232	SW8082A			--	6.67 U	6.88 U
Aroclor 1242	SW8082A			--	39.1 J	35.8 J
Aroclor 1248	SW8082A			--	6.67 U	6.88 U
Aroclor 1254	SW8082A			--	43.8 J	50.6 J
Aroclor 1260	SW8082A			--	35.7 J	27.1 J
Aroclor 1262	SW8082A			--	6.67 U	6.88 U
Aroclor 1268	SW8082A			--	6.67 U	6.88 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	139 JT	134 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			73.5	323	--
Motor oil range hydrocarbons	NWTPHDx			251	428	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.66 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-036SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-00-02-210501	USMPDI-036SC-B-02-05-210501	USMPDI-036SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	79	--
Plastic limit	D4318			--	50	--
Plasticity index	D4318			--	29	--
Specific gravity	D854			--	2.69	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			1.31 J	2.02 J	1.59 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	106.3	--
Total organic carbon	SM5310BM			2.7	2.7	2
Total Solids	SM2540G			44.1	47.4	54.8
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	1.8	--
Total fines (Reported, not calculated)	D6913			--	98.2	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	100	--
Percent passing 110 micron sieve (#140)	D6913			--	99	--
Percent passing 850 micron sieve (#20)	D6913			--	100	--
Percent passing 425 micron sieve (#40)	D6913			--	100	--
Percent passing 250 micron sieve (#60)	D6913			--	99	--
Percent passing 150 micron sieve (#100)	D6913			--	99	--
Percent passing 75 micron sieve (#200)	D6913			--	98	--
Metals (mg/kg)						
Arsenic	SW6020B			4.31	4.62	4.65
Cadmium	SW6020B			0.198 J	0.199 J	0.211
Chromium	SW6020B			27.7	28.5	29
Copper	SW6020B			40.5	43	44.3
Lead	SW6020B			11.7	12.6	14
Manganese	SW6020B			500	590	701

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-036SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-00-02-210501	USMPDI-036SC-B-02-05-210501	USMPDI-036SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			82.9	87.8	91.5
Zinc	SW6020B			95.8	93.2	90.5
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			103 U	114 U	70.4 U
1,2-Dichloroethene, cis-	SW8260D			103 U	114 U	70.4 U
Benzene	SW8260D			41.1 U	45.5 U	28.1 U
Chlorobenzene	SW8260D		320	103 U	114 U	70.4 U
Ethylbenzene	SW8260D			103 U	114 U	70.4 U
m,p-Xylene	SW8260D			206 U	228 U	141 U
o-Xylene	SW8260D			103 U	114 U	70.4 U
Tetrachloroethene (PCE)	SW8260D			103 U	114 U	70.4 U
Toluene	SW8260D			206 U	228 U	141 U
Trichloroethene (TCE)	SW8260D			103 U	114 U	70.4 U
Vinyl chloride	SW8260D			103 U	114 U	70.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				206 UT	228 UT	141 UT
PH-ROD Total Xylene (U = 1/2 max limit)				206 UT	228 UT	141 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	28.7	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	8.1 J	--
Pentachlorophenol	SW8270E			1060 U	1030 U	426 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	6.5 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	21.6 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-036SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-00-02-210501	USMPDI-036SC-B-02-05-210501	USMPDI-036SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	4.3 J	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	7.9 J	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			9.04 U	10.8 J	19.5
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			20.6 U	29.3 J	79.5
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			9.63	13.2 J	12.8
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			44.2	40.1	50.4
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			116	159	146
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			167	259	202
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			126	173	150
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-036SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-00-02-210501	USMPDI-036SC-B-02-05-210501	USMPDI-036SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	172	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			172 J	257	217 J
Benzo(j)fluoranthene	SW8270ESIM			52.1	86.9	57.8
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			71.8 J	92.6	90.6 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	25.0 UJ	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	8.0 J	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			156	231	166
Decalin, cis-	SW8270ESIM			--	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	25.0 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			28.2	34.9	42
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	5.4 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	16.0 J	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			304	369	311
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			21.6 U	23.3 J	59.4
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-036SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-00-02-210501	USMPDI-036SC-B-02-05-210501	USMPDI-036SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			123	194	162
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	19.3 U	26.0 J	34.9 U
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	205	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			133 U	165	246
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			319	424	322
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				250 JT	353 T	300 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	233 JT	348 T	290 JT
PH-ROD Total HPAH (U = 1/2 max limit)				1640 JT	2280 T	1900 JT
PH-ROD Total LPAH (U = 1/2 max limit)				156 T	308 JT	485 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		1790 JT	2590 JT	2400 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	143	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	25.0 U	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	6.1 J	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	30.8	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	19.1 J	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	155	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	15.0 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-036SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-00-02-210501	USMPDI-036SC-B-02-05-210501	USMPDI-036SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			5/1/2021	5/1/2021	5/1/2021
C1-Naphthalenes	SW8270ESIM			0 - 2 ft	2 - 5 ft	5 - 7 ft
C1-Naphthobenzothiophenes	SW8270DMSIM			N	N	N
C1-Naphthobenzothiophenes	SW8270ESIM			7622655.11	7622655.11	7622655.11
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			706286.0548	706286.0548	706286.0548
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	12.3 J	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	27.5	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	98.8	--
C2-Decalins	SW8270ESIM			--	58.8	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	5.3 J	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	14.3 J	--
C2-Fluorenes	SW8270DMSIM			--	6.7 J	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270DMSIM			--	27.8	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	82.1	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	22.3 J	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	21.1 J	--
C3-Benzanthracenes/Chrysenes	SW8270DMSIM			--	27	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	92.6	--
C3-Chrysenes	SW8270ESIM			--	39.2	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	25.0 U	--
C3-Dibenz(a,h)anthracenes	SW8270DMSIM			--	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	18.3 J	--
					25.0 U	--
					--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-036SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-00-02-210501	USMPDI-036SC-B-02-05-210501	USMPDI-036SC-B-05-07-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	25.1	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	37.4	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	21.7 J	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	20.7 J	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	23.2 J	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	76.2	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	14.1 J	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	25.0 U	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	25.0 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	59.1	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	20.2 J	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	16.6 J	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	22.8 J	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			4.41 U	4.21 U	3.64 U
2,4'-DDE (o,p'-DDE)	SW8081B			4.41 UJ	4.21 UJ	3.64 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			4.41 U	4.21 U	3.64 U
4,4'-DDD (p,p'-DDD)	SW8081B			4.41 UJ	4.57 J	6.50 J
4,4'-DDE (p,p'-DDE)	SW8081B			4.41 UJ	2.30 J	3.13 J
4,4'-DDT (p,p'-DDT)	SW8081B			4.41 U	4.21 U	3.64 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-036SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-00-02-210501	USMPDI-036SC-B-02-05-210501	USMPDI-036SC-B-05-07-210501
				5/1/2021	5/1/2021	5/1/2021
				0 - 2 ft	2 - 5 ft	5 - 7 ft
				N	N	N
				7622655.11	7622655.11	7622655.11
				706286.0548	706286.0548	706286.0548
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.41 UJT	4.21 UJT	3.64 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				4.41 UJT	8.98 JT	11.5 JT
PH-ROD Sum DDD (U = 1/2 max limit)				4.41 UJT	6.68 JT	8.32 JT
PH-ROD Sum DDE (U = 1/2 max limit)				4.41 UJT	4.41 JT	4.95 JT
PH-ROD Sum DDT (U = 1/2 max limit)				4.41 UT	4.21 UT	3.64 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	4.41 UJT	15.3 JT	16.9 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			110 U	100 U	89 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			110 U	100 U	89 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-036SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-00-02-210501	USMPDI-036SC-B-02-05-210501	USMPDI-036SC-B-05-07-210501
				USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-036SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			8.90 U	8.09 U	6.88 U
Aroclor 1221	SW8082A			8.90 U	8.09 U	6.88 U
Aroclor 1232	SW8082A			8.90 U	8.09 U	6.88 U
Aroclor 1242	SW8082A			8.90 U	8.09 U	6.88 U
Aroclor 1248	SW8082A			8.90 U	8.09 U	6.88 U
Aroclor 1254	SW8082A			8.90 U	8.09 U	6.88 U
Aroclor 1260	SW8082A			8.90 U	4.56 J	4.44 J
Aroclor 1262	SW8082A			8.90 U	8.09 U	6.88 U
Aroclor 1268	SW8082A			8.90 U	8.09 U	6.88 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	8.90 UT	36.9 JT	32.0 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	47.6	--
Motor oil range hydrocarbons	NWTPHDx			--	196	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.19 UJ	4.16 UJ	3.64 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-07-10-210501	USMPDI-036SC-B-10-12.1-210501	USMPDI-037SC-A-10-11-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			8.68	32.6	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.3	--	2.5
Total Solids	SM2540G			55.2	57.7	55.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.19	5.13	--
Cadmium	SW6020B			0.309	0.433	--
Chromium	SW6020B			33.3	30.5	--
Copper	SW6020B			51.8	52.8	--
Lead	SW6020B			33.8	44.8	--
Manganese	SW6020B			926	524	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-07-10-210501	USMPDI-036SC-B-10-12.1-210501	USMPDI-037SC-A-10-11-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			103	94.5	--
Zinc	SW6020B			151	246	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			72.2 U	60.4 U	--
1,2-Dichloroethene, cis-	SW8260D			72.2 U	60.4 U	--
Benzene	SW8260D			28.9 U	24.1 U	--
Chlorobenzene	SW8260D		320	72.2 U	60.4 U	--
Ethylbenzene	SW8260D			72.2 U	60.4 U	--
m,p-Xylene	SW8260D			144 U	121 U	--
o-Xylene	SW8260D			72.2 U	60.4 U	--
Tetrachloroethene (PCE)	SW8260D			72.2 U	60.4 U	--
Toluene	SW8260D			144 U	121 U	--
Trichloroethene (TCE)	SW8260D			72.2 U	60.4 U	--
Vinyl chloride	SW8260D			72.2 UJ	60.4 UJ	--
PH-ROD Total BTEX (U = 1/2 max limit)				144 UT	121 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				144 UT	121 UT	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	65.8
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	25.9 J
Pentachlorophenol	SW8270E			905 U	810 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	35.9 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	77.5

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-07-10-210501	USMPDI-036SC-B-10-12.1-210501	USMPDI-037SC-A-10-11-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622655.11	7622655.11	7622633.247
				706286.0548	706286.0548	706374.2093
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	24.4 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	27.3 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			146	--	54.9 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1290	--	171 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			56.4	--	42.9 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			294	--	118
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			460	--	392
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			741	--	592
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			429	--	393 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Analytical Method	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-037SC-A
				Sample ID	USMPDI-036SC-B-07-10-210501	USMPDI-036SC-B-10-12.1-210501	USMPDI-037SC-A-10-11-210501
				Sample Date	5/1/2021	5/1/2021	5/1/2021
				Depth	7 - 10 ft	10 - 12.1 ft	10 - 11 ft
				Sample Type	N	N	N
				Easting	7622655.11	7622655.11	7622633.247
				Northing	706286.0548	706286.0548	706374.2093
Benzo(e)pyrene	SW8270ESIM				--	--	412
Benzo(g,h,i)perylene	SW8270DMSIM				--	--	--
Benzo(g,h,i)perylene	SW8270E				--	--	--
Benzo(g,h,i)perylene	SW8270ESIM				763 J	--	613
Benzo(j)fluoranthene	SW8270ESIM				190	--	224
Benzo(j,k)fluoranthene	SW8270DMSIM				--	--	--
Benzo(j,k)fluoranthene	SW8270E				--	--	--
Benzo(k)fluoranthene	SW8270ESIM				218 J	--	224
Benzonaphthothiophene	SW8270DMSIM				--	--	--
Benzo(b)thiophene	SW8270DMSIM				--	--	--
Benzo(b)thiophene	SW8270ESIM				--	--	7.4 J
Carbazole	SW8270DMSIM				--	--	--
Carbazole	SW8270ESIM				--	--	26.9
Chrysene	SW8270DMSIM				--	--	--
Chrysene	SW8270E				--	--	--
Chrysene	SW8270ESIM				725	--	516
Decalin, cis-	SW8270ESIM				--	--	25.0 UJ
Decalin, cis- & trans-	SW8270DMSIM				--	--	--
Decalin, trans-	SW8270ESIM				--	--	25.0 UJ
Dibenzo(a,h)anthracene	SW8270E				--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM				118	--	63.9
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM				--	--	--
Dibenzofuran	SW8270DMSIM				--	--	--
Dibenzofuran	SW8270ESIM				--	--	56.1 J
Dibenzothiophene	SW8270DMSIM				--	--	--
Dibenzothiophene	SW8270ESIM				--	--	52.7
Fluoranthene	SW8270DMSIM				--	--	--
Fluoranthene	SW8270E				--	--	--
Fluoranthene	SW8270ESIM				1800	--	1080
Fluorene	SW8270DMSIM				--	--	--
Fluorene	SW8270E				--	--	--
Fluorene	SW8270ESIM				880	--	105 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM				--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-07-10-210501	USMPDI-036SC-B-10-12.1-210501	USMPDI-037SC-A-10-11-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			471	--	427
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	205	--	118 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	292
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			2200	--	736
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			1860	--	1260
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				840 JT	--	841 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1000 JT	--	780 JT
PH-ROD Total HPAH (U = 1/2 max limit)				7800 JT	--	5780 JT
PH-ROD Total LPAH (U = 1/2 max limit)				5100 T	--	1350 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		13000 JT	--	7130 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	311
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	10.1 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	78.4
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	84.4
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	66.6
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	523
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	62.1

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-07-10-210501	USMPDI-036SC-B-10-12.1-210501	USMPDI-037SC-A-10-11-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622655.11	7622655.11	7622633.247
				706286.0548	706286.0548	706374.2093
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	58.6
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	75.9
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	370
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	188
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	14.8 J
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	183
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	19.0 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	122
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	250
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	99
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	98.4
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	67.8
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	400
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	112
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	25.0 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	206
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	13.5 J
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-07-10-210501	USMPDI-036SC-B-10-12.1-210501	USMPDI-037SC-A-10-11-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
				7622655.11	7622655.11	7622633.247
				706286.0548	706286.0548	706374.2093
C3-Dibenzothiophenes	SW8270ESIM			--	--	130
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	183
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	106
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	126
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	53.8
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	285
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	44.9
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	25.5
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	25.0 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	65.2
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	122
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	26.2
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	90.8
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			4.16 U	--	3.47 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.47 UJ	--	3.47 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			3.47 U	--	3.47 U
4,4'-DDD (p,p'-DDD)	SW8081B			9.21 J	--	9.03 J
4,4'-DDE (p,p'-DDE)	SW8081B			4.67 J	--	4.61 J
4,4'-DDT (p,p'-DDT)	SW8081B			3.47 U	--	3.47 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-07-10-210501	USMPDI-036SC-B-10-12.1-210501	USMPDI-037SC-A-10-11-210501
				5/1/2021	5/1/2021	5/1/2021
				7 - 10 ft	10 - 12.1 ft	10 - 11 ft
				N	N	N
				7622655.11	7622655.11	7622633.247
				706286.0548	706286.0548	706374.2093
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.16 UJT	--	3.47 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				15.6 JT	--	15.4 JT
PH-ROD Sum DDD (U = 1/2 max limit)				11.3 JT	--	10.8 JT
PH-ROD Sum DDE (U = 1/2 max limit)				6.41 JT	--	6.35 JT
PH-ROD Sum DDT (U = 1/2 max limit)				3.47 UT	--	3.47 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	21.2 JT	--	20.6 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			91 U	85 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			91 U	85 U	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	0.000166 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	0.000449 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000762 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00679
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00231 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.14
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	1.12
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00224 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00880 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0389 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.264
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.00724
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.00872
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	0.00529
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0108
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00277
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000893 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000686 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0144
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00214 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.0215
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0206 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0297 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-037SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-036SC-B-07-10-210501	USMPDI-036SC-B-10-12.1-210501	USMPDI-037SC-A-10-11-210501
				USMPDI-036SC-B	USMPDI-036SC-B	USMPDI-037SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0415 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0381
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.016 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.0065 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.0076 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	1.3 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.08 U	--	7.04 U
Aroclor 1221	SW8082A			7.08 U	--	7.04 U
Aroclor 1232	SW8082A			7.08 U	--	7.04 U
Aroclor 1242	SW8082A			10.2 J	--	12.0 J
Aroclor 1248	SW8082A			7.08 U	--	7.04 U
Aroclor 1254	SW8082A			16.9 J	--	22.3 J
Aroclor 1260	SW8082A			12.9 J	--	18.3 J
Aroclor 1262	SW8082A			7.08 U	--	7.04 U
Aroclor 1268	SW8082A			7.08 U	--	7.04 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	61.2 JT	--	73.7 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	164
Motor oil range hydrocarbons	NWTPHDx			--	--	280
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.68 UJ	3.53 UJ	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-A	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-A-11-12.1-210501	USMPDI-037SC-B-00-02-210501	USMPDI-037SC-B-02-05-210501
				Sample ID	5/1/2021	5/1/2021
				Sample Date	11 - 12.1 ft	0 - 2 ft
				Depth	N	N
				Sample Type	7622633.247	7622633.247
				Easting	706374.2093	706374.2093
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	1.16	4.42
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.1	2.6	2.6 J
Total Solids	SM2540G			58.2	44.2	49.1
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	5.11	4.72
Cadmium	SW6020B			--	0.214 J	0.198 J
Chromium	SW6020B			--	30.6	29.5
Copper	SW6020B			--	44.6	42.5
Lead	SW6020B			--	12.2	12.6
Manganese	SW6020B			--	744	692

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-A	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-A-11-12.1-210501	USMPDI-037SC-B-00-02-210501	USMPDI-037SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	95	90.7
Zinc	SW6020B			--	101	95.6
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	99.4 U	85.4 U
1,2-Dichloroethene, cis-	SW8260D			--	99.4 U	85.4 U
Benzene	SW8260D			--	39.8 U	34.2 U
Chlorobenzene	SW8260D		320	--	99.4 U	85.4 U
Ethylbenzene	SW8260D			--	99.4 U	85.4 U
m,p-Xylene	SW8260D			--	199 U	171 U
o-Xylene	SW8260D			--	99.4 U	85.4 U
Tetrachloroethene (PCE)	SW8260D			--	99.4 U	85.4 U
Toluene	SW8260D			--	199 U	171 U
Trichloroethene (TCE)	SW8260D			--	99.4 U	85.4 U
Vinyl chloride	SW8260D			--	99.4 UJ	85.4 UJ
PH-ROD Total BTEX (U = 1/2 max limit)				--	199 UT	171 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	199 UT	171 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	28.4
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	5.7 J
Pentachlorophenol	SW8270E			--	1110 U	238 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	7.6 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	28.7

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-A	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-A-11-12.1-210501	USMPDI-037SC-B-00-02-210501	USMPDI-037SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	5.9 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	6.3 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			384	11.6 U	13.5 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			3540	37.2 U	43.0 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			59.8	10.9	14.8 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			1920	47.1	45.1
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1010	122	164
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			578	190	271
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			427	131	173 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-A	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-A-11-12.1-210501	USMPDI-037SC-B-00-02-210501	USMPDI-037SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	180
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			462 U	205 J	278
Benzo(j)fluoranthene	SW8270ESIM			195	49.4	92.8
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			226 J	70.7 J	103
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	25.0 UJ
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	8.6 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1080	137	211
Decalin, cis-	SW8270ESIM			--	--	25.0 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	25.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			95.9	32.1	40.1
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	7.6 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	18.7 J
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			4740	280	400
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			2850	33.9 U	30.3 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-A	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-A-11-12.1-210501	USMPDI-037SC-B-00-02-210501	USMPDI-037SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			359	145	208
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	410	22.2 U	34.6 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	231
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			7970	169 U	209
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			4170	307	456
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				848 JT	251 JT	369 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	857 JT	260 JT	367 JT
PH-ROD Total HPAH (U = 1/2 max limit)				13100 JT	1700 JT	2400 JT
PH-ROD Total LPAH (U = 1/2 max limit)				17000 T	195 T	390 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		30000 JT	1900 JT	2800 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	150
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	3.5 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	8.6 J
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	34.7
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	20.1 J
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	194
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	20.2 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-A	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-A-11-12.1-210501	USMPDI-037SC-B-00-02-210501	USMPDI-037SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	15.4 J
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	32.5
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	114
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	69.5
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	6.7 J
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	21.6 J
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	6.6 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	31.7
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	87.1
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	23.4 J
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	27.5
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	25.9
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	117
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	47.6
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	25.0 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	23.1 J
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	4.9 J
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-A	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-A-11-12.1-210501	USMPDI-037SC-B-00-02-210501	USMPDI-037SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	30
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	69.5
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	24.4 J
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	27.4
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	24.1 J
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	84
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	22.7 J
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	25.0 U
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	25.0 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	32.6
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	26.2
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	17.7 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	23.7 J
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			4.12 U	4.42 UJ	3.83 U
2,4'-DDE (o,p'-DDE)	SW8081B			3.43 UJ	4.42 UJ	3.83 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			3.43 U	4.42 UJ	3.83 U
4,4'-DDD (p,p'-DDD)	SW8081B			9.33 J	4.42 UJ	2.93 J
4,4'-DDE (p,p'-DDE)	SW8081B			4.60 J	4.42 UJ	3.83 UJ
4,4'-DDT (p,p'-DDT)	SW8081B			3.43 U	4.42 UJ	3.83 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-A	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-A-11-12.1-210501	USMPDI-037SC-B-00-02-210501	USMPDI-037SC-B-02-05-210501
				5/1/2021	5/1/2021	5/1/2021
				11 - 12.1 ft	0 - 2 ft	2 - 5 ft
				N	N	N
				7622633.247	7622633.247	7622633.247
				706374.2093	706374.2093	706374.2093
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.12 UJT	4.42 UJT	3.83 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				15.6 JT	4.42 UJT	6.76 JT
PH-ROD Sum DDD (U = 1/2 max limit)				11.4 JT	4.42 UJT	4.85 JT
PH-ROD Sum DDE (U = 1/2 max limit)				6.32 JT	4.42 UJT	3.83 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				3.43 UT	4.42 UJT	3.83 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	21.1 JT	4.42 UJT	12.5 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	110 U	96 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	110 U	96 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000916 J	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00171 J	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00213 J	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0149	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00637	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.27	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			3.38	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00624 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0156 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.114 J	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.56	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0226	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0426	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0181	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0755	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0173	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0029	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00584	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0599	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0109	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.129	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0754 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.127 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-A	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-A-11-12.1-210501	USMPDI-037SC-B-00-02-210501	USMPDI-037SC-B-02-05-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.174	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.178	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.060 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.028 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.029 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				4.1 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.62 U	8.90 U	8.14 U
Aroclor 1221	SW8082A			6.62 U	8.90 U	8.14 U
Aroclor 1232	SW8082A			6.62 U	8.90 U	8.14 U
Aroclor 1242	SW8082A			17.7 J	8.90 U	8.14 U
Aroclor 1248	SW8082A			6.62 U	8.90 U	8.14 U
Aroclor 1254	SW8082A			30.1 J	4.75 J	5.91 J
Aroclor 1260	SW8082A			20.9 J	8.90 U	8.14 U
Aroclor 1262	SW8082A			6.62 U	8.90 U	8.14 U
Aroclor 1268	SW8082A			6.62 U	8.90 U	8.14 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	88.6 JT	40.4 JT	38.5 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	55.7
Motor oil range hydrocarbons	NWTPHDx			--	--	278
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	4.21 UJ	4.11 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-B	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-B-05-07-210501	USMPDI-037SC-B-07-10-210501	USMPDI-037SC-B-10-12.1-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	78
Plastic limit	D4318			--	--	43
Plasticity index	D4318			--	--	35
Specific gravity	D854			--	--	2.6
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.849	8.30 T	11.7
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	73.2
Total organic carbon	SM5310BM			2	2.5 T	--
Total Solids	SM2540G			54.7	54.7 T	56.3
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	4.8
Total fines (Reported, not calculated)	D6913			--	--	95.7
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	98
Percent passing 850 micron sieve (#20)	D6913			--	--	100
Percent passing 425 micron sieve (#40)	D6913			--	--	100
Percent passing 250 micron sieve (#60)	D6913			--	--	100
Percent passing 150 micron sieve (#100)	D6913			--	--	99
Percent passing 75 micron sieve (#200)	D6913			--	--	96
Metals (mg/kg)						
Arsenic	SW6020B			4.49	5.10 T	5.09
Cadmium	SW6020B			0.197	0.308 T	0.355
Chromium	SW6020B			27	32.3 T	32.1
Copper	SW6020B			41.6	49.3 T	49.6
Lead	SW6020B			13.1	25.0 T	40.5
Manganese	SW6020B			773	922 T	1080

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-B	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-B-05-07-210501	USMPDI-037SC-B-07-10-210501	USMPDI-037SC-B-10-12.1-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			88.1	96.0 T	102
Zinc	SW6020B			87.1	119 T	129
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			64.9 U	62.8 UT	63.2 U
1,2-Dichloroethene, cis-	SW8260D			64.9 U	62.8 UT	63.2 U
Benzene	SW8260D			26.0 U	25.1 UT	25.3 U
Chlorobenzene	SW8260D		320	64.9 U	62.8 UT	63.2 U
Ethylbenzene	SW8260D			64.9 U	62.8 UT	63.2 U
m,p-Xylene	SW8260D			130 U	126 UT	126 U
o-Xylene	SW8260D			64.9 U	62.8 UT	63.2 U
Tetrachloroethene (PCE)	SW8260D			64.9 U	62.8 UT	63.2 U
Toluene	SW8260D			130 U	158 JT	126 U
Trichloroethene (TCE)	SW8260D			64.9 U	62.8 UT	63.2 U
Vinyl chloride	SW8260D			64.9 U	62.8 UT	63.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				130 UT	296 JT	126 UT
PH-ROD Total Xylene (U = 1/2 max limit)				130 UT	126 UT	126 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			25.0 U	42.9 T	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			4.6 J	12.3 JT	--
Pentachlorophenol	SW8270E			896 U	862 UT	809 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			7.1 J	16.1 JT	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			30	46.6 T	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-B	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-B-05-07-210501	USMPDI-037SC-B-07-10-210501	USMPDI-037SC-B-10-12.1-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			7.5 J	13.1 JT	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			5.9 J	14.6 JT	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			10.3 J	29.8 JT	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			90.5 J	110 JT	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			13.5 J	24.8 JT	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			35.2	72.6 T	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			116	257 T	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			181	392 T	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			133 J	272 JT	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-B	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-B-05-07-210501	USMPDI-037SC-B-07-10-210501	USMPDI-037SC-B-10-12.1-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			121	262 T	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			181	399 T	--
Benzo(j)fluoranthene	SW8270ESIM			66.1	140 T	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			71.5	148 T	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			25.0 UJ	3.6 JT	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			12.3 J	20.5 JT	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			141	329 T	--
Decalin, cis-	SW8270ESIM			25.0 UJ	25.0 UJT	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			25.0 UJ	25.0 UJT	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			27.6	59.4 T	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			13.8 J	34.3 JT	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			21.0 J	31.4 T	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			349	726 T	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			65.7 J	79.3 JT	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-B	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-B-05-07-210501	USMPDI-037SC-B-07-10-210501	USMPDI-037SC-B-10-12.1-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			132	309 T	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	19.8 J	59.4 JT	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			206	289 T	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			346	474 T	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			343	778 T	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				271 JT	560 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	248 JT	537 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				1740 JT	3800 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				581 JT	850 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		2320 JT	4700 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			106	221 T	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			25.0 U	6.6 JT	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			13.0 J	34.3 T	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			30.3	55.1 T	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			17.9 J	38.2 T	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			155	296 T	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			25.6	37.4 T	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-B	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-B-05-07-210501	USMPDI-037SC-B-07-10-210501	USMPDI-037SC-B-10-12.1-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			11.5 J	30.3 T	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			21.1 J	49.2 T	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			123	219 T	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			56.1	114 T	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			7.0 J	11 JT	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			22.7 J	84.6 T	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			25.0 U	9.6 JT	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			25.8	61.6 T	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			69.3	161 T	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			25	50.1 T	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			31.5	55.7 T	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			20.2 J	47.3 T	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			101	199 T	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			28.4	73.0 T	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			25.0 U	25.0 UT	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			26.1	116 T	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			25.0 U	7.9 JT	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-B	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-B-05-07-210501	USMPDI-037SC-B-07-10-210501	USMPDI-037SC-B-10-12.1-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			24.3 J	63.9 T	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			50.9	125 T	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			23.7 J	58.6 T	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			35.6	65.8 T	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			19.9 J	43.8 T	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			78.5	176 T	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			15.3 J	41.6 T	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			3.3 J	14.6 JT	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25.0 U	25.0 UT	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			18.3 J	40.8 T	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			15.5 J	58.7 T	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			25.0 U	25.1 JT	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			24.0 J	63.5 T	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			3.65 U	3.56 UT	--
2,4'-DDE (o,p'-DDE)	SW8081B			3.65 UJ	3.56 UJT	--
2,4'-DDT (o,p'-DDT)	SW8081B			3.65 U	3.56 UT	--
4,4'-DDD (p,p'-DDD)	SW8081B			7.74 J	7.89 JT	--
4,4'-DDE (p,p'-DDE)	SW8081B			3.56 J	3.69 JT	--
4,4'-DDT (p,p'-DDT)	SW8081B			3.65 U	3.56 UT	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-B	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-B-05-07-210501	USMPDI-037SC-B-07-10-210501	USMPDI-037SC-B-10-12.1-210501
				5/1/2021	5/1/2021	5/1/2021
				5 - 7 ft	7 - 10 ft	10 - 12.1 ft
				N	N	N
				7622633.247	7622633.247	7622633.247
				706374.2093	706374.2093	706374.2093
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				3.65 UJT	3.56 UJT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				13.1 JT	13.4 JT	--
PH-ROD Sum DDD (U = 1/2 max limit)				9.57 JT	9.66 JT	--
PH-ROD Sum DDE (U = 1/2 max limit)				5.39 JT	5.47 JT	--
PH-ROD Sum DDT (U = 1/2 max limit)				3.65 UT	3.56 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	18.6 JT	18.7 JT	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			89 U	90 UT	87 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			89 U	90 UT	87 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-037SC-B	USMPDI-037SC-B	USMPDI-037SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-037SC-B-05-07-210501	USMPDI-037SC-B-07-10-210501	USMPDI-037SC-B-10-12.1-210501
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.06 U	7.18 UT	--
Aroclor 1221	SW8082A			7.06 U	7.18 UT	--
Aroclor 1232	SW8082A			7.06 U	7.18 UT	--
Aroclor 1242	SW8082A			7.06 U	6.74 JT	--
Aroclor 1248	SW8082A			7.06 U	7.18 UT	--
Aroclor 1254	SW8082A			7.06 U	12.0 JT	--
Aroclor 1260	SW8082A			5.08 J	10.8 JT	--
Aroclor 1262	SW8082A			7.06 U	7.18 UT	--
Aroclor 1268	SW8082A			7.06 U	7.18 UT	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	33.3 JT	51.1 JT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			61.9	169 T	--
Motor oil range hydrocarbons	NWTPHDx			189	331 T	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.59 UJ	3.59 UJT	3.5 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-A	USMPDI-041SC-A	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-A-14-15-210427	USMPDI-041SC-A-15-15.7-210427	USMPDI-041SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	2.76 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.7	2.9	2.9
Total Solids	SM2540G			57.9	56.6	41
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	5.14
Cadmium	SW6020B			--	--	0.216 J
Chromium	SW6020B			--	--	30.8
Copper	SW6020B			--	--	46.2
Lead	SW6020B			--	--	11.9
Manganese	SW6020B			--	--	821

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-A	USMPDI-041SC-A	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-A-14-15-210427	USMPDI-041SC-A-15-15.7-210427	USMPDI-041SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	93.1
Zinc	SW6020B			--	--	101
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	94.0 U
1,2-Dichloroethene, cis-	SW8260D			--	--	94.0 U
Benzene	SW8260D			--	--	37.6 U
Chlorobenzene	SW8260D		320	--	--	94.0 U
Ethylbenzene	SW8260D			--	--	94.0 U
m,p-Xylene	SW8260D			--	--	188 U
o-Xylene	SW8260D			--	--	94.0 U
Tetrachloroethene (PCE)	SW8260D			--	--	94.0 U
Toluene	SW8260D			--	--	188 U
Trichloroethene (TCE)	SW8260D			--	--	94.0 U
Vinyl chloride	SW8260D			--	--	94.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	188 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	188 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			273	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			59.3	--	--
Pentachlorophenol	SW8270E			--	--	609 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			457	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			706	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-A	USMPDI-041SC-A	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-A-14-15-210427	USMPDI-041SC-A-15-15.7-210427	USMPDI-041SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			287	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			308	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			177	321	7.31 U
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1040	411	19.3 U
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			116	102 J	9.04 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			815	760	32.2
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			1150	944	91.8
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			1440	1070	139
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1010	691	94.3
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-A	USMPDI-041SC-A	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-A-14-15-210427	USMPDI-041SC-A-15-15.7-210427	USMPDI-041SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			998	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1410	1250	151 J
Benzo(j)fluoranthene	SW8270ESIM			568	336	33.7 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			593	346 J	49.2 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			18.1 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			86.1	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			1470	1180	111
Decalin, cis-	SW8270ESIM			25.0 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			42.7 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			173	222	24.6 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			168	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			559	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			3590	2200	187
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			728	355	16.4 U
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-A	USMPDI-041SC-A	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-A-14-15-210427	USMPDI-041SC-A-15-15.7-210427	USMPDI-041SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			875	836	109 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	212	206	14.2 U
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			431	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			4350	2480	107
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			4320	2910	222
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2170 T	1370 JT	177 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1920 T	1540 JT	194 JT
PH-ROD Total HPAH (U = 1/2 max limit)				16600 T	12000 JT	1210 JT
PH-ROD Total LPAH (U = 1/2 max limit)				7440 T	4600 JT	177 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		24000 T	17000 JT	1390 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			1070	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			60.4	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			232	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			146	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			742	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			2330	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			575	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-A	USMPDI-041SC-A	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-A-14-15-210427	USMPDI-041SC-A-15-15.7-210427	USMPDI-041SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			375	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			279	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			3350	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			656	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			154	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			772	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			35.2	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			903	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			1140	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			643	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			1210	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			230	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			2330	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			313	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			186	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			674	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			17.8 J	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-A	USMPDI-041SC-A	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-A-14-15-210427	USMPDI-041SC-A-15-15.7-210427	USMPDI-041SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			552	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			682	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			655	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			1330	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			151	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			1330	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			112	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			51.8	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			233	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			174	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			400	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			49.2	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			371	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			5.83 J	10.9	4.62 U
2,4'-DDE (o,p'-DDE)	SW8081B			6.86 U	10.7 U	4.62 U
2,4'-DDT (o,p'-DDT)	SW8081B			6.86 U	6.70 U	4.62 U
4,4'-DDD (p,p'-DDD)	SW8081B			13.5 J	53.9	2.54 J
4,4'-DDE (p,p'-DDE)	SW8081B			7.27	21.4	4.62 U
4,4'-DDT (p,p'-DDT)	SW8081B			6.86 U	6.70 U	4.62 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-A	USMPDI-041SC-A	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-A-14-15-210427	USMPDI-041SC-A-15-15.7-210427	USMPDI-041SC-B-00-02-210427
				4/27/2021	4/27/2021	4/27/2021
				14 - 15 ft	15 - 15.7 ft	0 - 2 ft
				N	N	N
				7622744.111	7622744.111	7622744.111
				706338.8799	706338.8799	706338.8799
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				12.7 JT	19.6 T	4.62 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				24.2 JT	78.7 T	7.16 JT
PH-ROD Sum DDD (U = 1/2 max limit)				19.3 JT	64.8 T	4.85 JT
PH-ROD Sum DDE (U = 1/2 max limit)				10.7 T	26.8 T	4.62 UT
PH-ROD Sum DDT (U = 1/2 max limit)				6.86 UT	6.70 UT	4.62 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	36.9 JT	98.3 T	14.1 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	120 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	120 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.00219 J	0.00147 J	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00344	0.00436	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00463	0.00824	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0225	0.0328	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0109	0.0158	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.607	1.07	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			12.2	23.5	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0165 J	0.0237 J	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0317 J	0.0495 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.208 J	0.321	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			1.46	2.74	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0661	0.18	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0901	0.299	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0508	0.152	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.193	0.484	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0532	0.12	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0125	0.0253	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0156	0.0306	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.205	0.409	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0455	0.0886	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.755	1.21	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.253 J	0.562 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.305	0.842 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-A	USMPDI-041SC-A	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-A-14-15-210427	USMPDI-041SC-A-15-15.7-210427	USMPDI-041SC-B-00-02-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.477 J	1.19	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.727	1.62	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.165 JT	0.44 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0733 JT	0.18 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0739 JT	0.17 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				14.3 JT	28 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.83 U	6.84 U	9.42 U
Aroclor 1221	SW8082A			6.83 U	6.84 U	9.42 U
Aroclor 1232	SW8082A			6.83 U	6.84 U	9.42 U
Aroclor 1242	SW8082A			28.1 J	29.5 J	9.42 U
Aroclor 1248	SW8082A			6.83 U	6.84 U	9.42 U
Aroclor 1254	SW8082A			34.8 J	74.9 J	9.42 U
Aroclor 1260	SW8082A			25.7 J	62.7 J	9.42 U
Aroclor 1262	SW8082A			6.83 U	6.84 U	9.42 U
Aroclor 1268	SW8082A			6.83 U	6.84 U	9.42 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	109 JT	188 JT	9.42 UT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			408	--	--
Motor oil range hydrocarbons	NWTPHDx			445	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	4.86 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-02-04-210427	USMPDI-041SC-B-04-06-210427	USMPDI-041SC-B-06-08-210427
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	107	--
Plastic limit	D4318			--	49	--
Plasticity index	D4318			--	58	--
Specific gravity	D854			--	2.65	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			7.96 J	5.98 J	2.32 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	96	--
Total organic carbon	SM5310BM			2.8	2.8	2
Total Solids	SM2540G			47.4	49.5	56.1
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	3.5	--
Total fines (Reported, not calculated)	D6913			--	96.5	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	100	--
Percent passing 110 micron sieve (#140)	D6913			--	98	--
Percent passing 850 micron sieve (#20)	D6913			--	100	--
Percent passing 425 micron sieve (#40)	D6913			--	100	--
Percent passing 250 micron sieve (#60)	D6913			--	99	--
Percent passing 150 micron sieve (#100)	D6913			--	99	--
Percent passing 75 micron sieve (#200)	D6913			--	97	--
Metals (mg/kg)						
Arsenic	SW6020B			5.04	5.73	4.85
Cadmium	SW6020B			0.221	0.209	0.196
Chromium	SW6020B			30.2	30.7	29.5
Copper	SW6020B			45	46.7	45.9
Lead	SW6020B			11.8	13.6	12.8
Manganese	SW6020B			828	921	790

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-02-04-210427	USMPDI-041SC-B-04-06-210427	USMPDI-041SC-B-06-08-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			92.1	92.2	93.4
Zinc	SW6020B			98.3	104	91.4
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			87.8 U	113 U	63.0 U
1,2-Dichloroethene, cis-	SW8260D			87.8 U	113 U	63.0 U
Benzene	SW8260D			35.1 U	45.4 U	25.2 U
Chlorobenzene	SW8260D		320	87.8 U	113 U	63.0 U
Ethylbenzene	SW8260D			87.8 U	113 U	63.0 U
m,p-Xylene	SW8260D			176 U	227 U	126 U
o-Xylene	SW8260D			87.8 U	113 U	63.0 U
Tetrachloroethene (PCE)	SW8260D			87.8 U	113 U	63.0 U
Toluene	SW8260D			176 U	227 U	126 U
Trichloroethene (TCE)	SW8260D			87.8 U	113 U	63.0 U
Vinyl chloride	SW8260D			87.8 U	113 U	63.0 U
PH-ROD Total BTEX (U = 1/2 max limit)				176 UT	227 UT	126 UT
PH-ROD Total Xylene (U = 1/2 max limit)				176 UT	227 UT	126 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			31.5	112	33.5
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			6.0 J	13.7 J	6.2 J
Pentachlorophenol	SW8270E			526 U	959 U	434 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			10.1 J	16.1 J	8.0 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			31	75.8	28.7

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-02-04-210427	USMPDI-041SC-B-04-06-210427	USMPDI-041SC-B-06-08-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			7.5 J	14.2 J	9.8 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			8.8 J	14.9 J	7.6 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			18.3 J	31.9	15.0 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			39.2	96.6	101
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			13.1 J	41.9	12.5 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			47.3	96.3	33.4
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			143	544	144
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			206	846	186
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			129	512	149
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-02-04-210427	USMPDI-041SC-B-04-06-210427	USMPDI-041SC-B-06-08-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			140	559	139
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			207	876	186
Benzo(j)fluoranthene	SW8270ESIM			80.8	304	90.7
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			80.4	300	90.9
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			2.4 J	7.0 J	1.8 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			9.3 J	13.8 J	10.6 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			187	742	201
Decalin, cis-	SW8270ESIM			24.9 UJ	25.0 UJ	25.0 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			24.9 UJ	25.0 UJ	25.0 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			24.6 J	103	30.3
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			7.2 J	13.7 J	16.8 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			21.0 J	62.2	24.8 J
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			384	1440	478
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			29.3	65.8	70.6
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-02-04-210427	USMPDI-041SC-B-04-06-210427	USMPDI-041SC-B-06-08-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			130	546	124
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	32.7	89.3	25.3
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			151	383	196
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			188	476	315
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			462	1720	485
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				290 T	1100 T	331 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	270 JT	1100 T	259 T
PH-ROD Total HPAH (U = 1/2 max limit)				2000 JT	7900 T	2160 T
PH-ROD Total LPAH (U = 1/2 max limit)				368 JT	898 T	573 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		2400 JT	8800 T	2740 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			145	281	109
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			3.2 J	5.0 J	2.8 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			24.9 U	25.0 U	10.7 J
C1-Dibenz(a,h)anthracenes	SW8270ESIM			23.7 J	68.4	25.1
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			25.3	60.8	24.8 J
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			193	604	221
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			19.6 J	46.1	26.7

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-02-04-210427	USMPDI-041SC-B-04-06-210427	USMPDI-041SC-B-06-08-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			16.4 J	29.7	13.1 J
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			33.1	84	25.1
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			125	286	115
C2-Benzanthracenes/Chrysenes	SW8270ESIM			72.1	135	61.9
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			6.5 J	10.3 J	5.5 J
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			20.0 J	41.6	28
C2-Dibenz(a,h)anthracenes	SW8270ESIM			4.9 J	12.4 J	25.0 U
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			35.8	84.8	31.4
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			95	207	77.4
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			28.5	60.6	27
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			30.9	44.2	27.8
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			25.1	60.6	20.3 J
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			106	255	95.6
C3-Benzanthracenes/Chrysenes	SW8270ESIM			36.2	76.9	31.7
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			24.9 U	25.0 U	25.0 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			25.6	48.7	35.4
C3-Dibenz(a,h)anthracenes	SW8270ESIM			24.9 U	6.8 J	25.0 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-02-04-210427	USMPDI-041SC-B-04-06-210427	USMPDI-041SC-B-06-08-210427
				Sample ID 4/27/2021	Sample ID 4/27/2021	Sample ID 4/27/2021
				Depth 2 - 4 ft	Depth 4 - 6 ft	Depth 6 - 8 ft
				Sample Type N	Sample Type N	Sample Type N
				Easting 7622744.111	Easting 7622744.111	Easting 7622744.111
				Northing 706338.8799	Northing 706338.8799	Northing 706338.8799
C3-Dibenzothiophenes	SW8270ESIM			26.8	63.1	30.3
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			38	147	55.4
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			26.3	58.2	29.9
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			31.3	66.3	33.2
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			20.7 J	81.6	24.7 J
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			69.8	161	64.4
C4-Benzanthracenes/Chrysenes	SW8270ESIM			46.5	107	13.7 J
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			24.9 U	25.0 U	25.0 U
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			24.9 U	40.9	17.8 J
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			24.4 J	196	46.8
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			22.4 J	46.4	22.3 J
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			13.8 J	24.0 J	25.0 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			23.3 J	42.4	15.3 J
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			4.18 UJ	3.91 U	2.82 J
2,4'-DDE (o,p'-DDE)	SW8081B			4.18 UJ	3.91 U	3.46 U
2,4'-DDT (o,p'-DDT)	SW8081B			4.18 UJ	3.91 U	3.46 U
4,4'-DDD (p,p'-DDD)	SW8081B			4.43 J	5.37 J	9.07
4,4'-DDE (p,p'-DDE)	SW8081B			2.74 J	3.24 J	4.19
4,4'-DDT (p,p'-DDT)	SW8081B			4.18 UJ	3.91 U	3.46 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-02-04-210427	USMPDI-041SC-B-04-06-210427	USMPDI-041SC-B-06-08-210427
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
				USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
				USMPDI-041SC-B-02-04-210427	USMPDI-041SC-B-04-06-210427	USMPDI-041SC-B-06-08-210427
				4/27/2021	4/27/2021	4/27/2021
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7622744.111	7622744.111	7622744.111
				706338.8799	706338.8799	706338.8799
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				4.18 UJT	3.91 UT	6.28 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				9.26 JT	10.6 JT	15.0 T
PH-ROD Sum DDD (U = 1/2 max limit)				6.52 JT	7.33 JT	11.9 JT
PH-ROD Sum DDE (U = 1/2 max limit)				4.83 JT	5.20 JT	5.92 T
PH-ROD Sum DDT (U = 1/2 max limit)				4.18 UJT	3.91 UT	3.46 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	15.5 JT	16.4 JT	21.3 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			100 U	98 U	87 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			100 U	98 U	87 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-02-04-210427	USMPDI-041SC-B-04-06-210427	USMPDI-041SC-B-06-08-210427
				USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			8.18 U	7.61 U	7.06 U
Aroclor 1221	SW8082A			8.18 U	7.61 U	7.06 U
Aroclor 1232	SW8082A			8.18 U	7.61 U	7.06 U
Aroclor 1242	SW8082A			8.18 U	7.61 U	7.06 U
Aroclor 1248	SW8082A			8.18 U	7.61 U	7.06 U
Aroclor 1254	SW8082A			6.20 J	5.40 J	6.71 J
Aroclor 1260	SW8082A			8.18 U	6.64 J	7.91 J
Aroclor 1262	SW8082A			8.18 U	7.61 U	7.06 U
Aroclor 1268	SW8082A			8.18 U	7.61 U	7.06 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	38.9 JT	38.7 JT	39.3 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			54.6	83.1	91.3
Motor oil range hydrocarbons	NWTPHDx			241	200	251
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.16 UJ	4.01 UJ	3.55 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			10.3 J	13.9 J	30.6 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.8	2.5	2.2
Total Solids	SM2540G			53.5	55.6	57.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.33	5.17	5.47
Cadmium	SW6020B			0.299	0.312	0.356
Chromium	SW6020B			30.9	32.8	33.1
Copper	SW6020B			54	51.8	53.4
Lead	SW6020B			22.7	26.3	34
Manganese	SW6020B			823	817	1550

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
				USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				4/27/2021	4/27/2021	4/27/2021
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622744.111	7622744.111	7622744.111
				706338.8799	706338.8799	706338.8799
Vanadium	SW6020B			90.4	96.2	105
Zinc	SW6020B			135	128	157
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			72.3 U	62.4 U	58.8 U
1,2-Dichloroethene, cis-	SW8260D			72.3 U	62.4 U	58.8 U
Benzene	SW8260D			28.9 U	25.0 U	23.5 U
Chlorobenzene	SW8260D		320	72.3 U	62.4 U	58.8 U
Ethylbenzene	SW8260D			72.3 U	62.4 U	58.8 U
m,p-Xylene	SW8260D			145 U	125 U	118 U
o-Xylene	SW8260D			72.3 U	62.4 U	58.8 U
Tetrachloroethene (PCE)	SW8260D			72.3 U	62.4 U	58.8 U
Toluene	SW8260D			145 U	125 U	118 U
Trichloroethene (TCE)	SW8260D			72.3 U	62.4 U	58.8 U
Vinyl chloride	SW8260D			72.3 U	62.4 U	58.8 U
PH-ROD Total BTEX (U = 1/2 max limit)				145 UT	125 UT	118 UT
PH-ROD Total Xylene (U = 1/2 max limit)				145 UT	125 UT	118 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			128	101	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			18.8 J	25.0 J	--
Pentachlorophenol	SW8270E			895 U	438 U	421 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			26.3	33.2	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			140	120	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			27.2	34.1	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			18.5 J	34	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			56.8	65.7	133
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			528	355	984
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			45.8	38.8	50.6 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			177	197	440
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			710	634	774
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			891	843	841
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			649	599	581
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			627	570	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			874	775	905
Benzo(j)fluoranthene	SW8270ESIM			376	345	250
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			369	348 J	285
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			6.2 J	6.0 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			50.4	80	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			778	719	832
Decalin, cis-	SW8270ESIM			25.0 UJ	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			25.0 UJ	25.0 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			125	112	154
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			61.3	102	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			170	77.1	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			2900	1980	2070
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			455	232	654
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			567	511	639
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	89.4	110	151
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			426	395	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			2360	1220	2220
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			2440	2060	2130
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				1390 T	1290 JT	1100 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	1200 T	1130 JT	1200 T
PH-ROD Total HPAH (U = 1/2 max limit)				11000 T	8930 JT	9500 T
PH-ROD Total LPAH (U = 1/2 max limit)				3710 T	2200 T	4600 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		14000 T	11000 JT	14000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			518	457	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			8.6 J	8.9 J	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			47.6	65.9	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			82.9	113	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			87.4	92.5	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			971	696	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			127	99.9	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			49.3	62.3	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			109	115	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			605	475	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			258	215	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			15.4 J	14.0 J	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			113	172	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			27.5	19.8 J	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			119	139	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			366	339	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			99.8	121	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			104	103	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			80.6	82	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			386	395	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			121	151	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			17.2 J	25.0 U	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			135	172	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			13.1 J	25.0 U	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			123	136	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			246	239	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			113	129	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			114	118	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			70.1	66.2	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			250	283	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			126	128	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			25.0 U	25.0 U	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			66.4	25.0 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			181	146	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			69	104	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			31.6	31.6	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			115	99	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			5.11	3.47	6.56
2,4'-DDE (o,p'-DDE)	SW8081B			3.89 U	3.47 U	6.25 U
2,4'-DDT (o,p'-DDT)	SW8081B			3.53 U	3.47 U	3.29 U
4,4'-DDD (p,p'-DDD)	SW8081B			15.7 J	12.1 J	15.0 J
4,4'-DDE (p,p'-DDE)	SW8081B			7.1	6.5	9.52
4,4'-DDT (p,p'-DDT)	SW8081B			3.53 U	26.1 J	3.29 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
				USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				4/27/2021	4/27/2021	4/27/2021
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622744.111	7622744.111	7622744.111
				706338.8799	706338.8799	706338.8799
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				8.82 T	6.94 T	11.3 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				24.6 JT	44.7 JT	26.2 JT
PH-ROD Sum DDD (U = 1/2 max limit)				20.8 JT	15.6 JT	21.6 JT
PH-ROD Sum DDE (U = 1/2 max limit)				9.05 T	8.23 T	12.6 T
PH-ROD Sum DDT (U = 1/2 max limit)				3.53 UT	27.8 JT	3.29 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	33.4 JT	51.6 JT	37.5 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			92 U	90 U	86 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			92 U	90 U	86 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				USMPDI-041SC-B	USMPDI-041SC-B	USMPDI-041SC-B
				USMPDI-041SC-B-08-10-210427	USMPDI-041SC-B-10-12-210427	USMPDI-041SC-B-12-14-210427
				4/27/2021	4/27/2021	4/27/2021
				8 - 10 ft	10 - 12 ft	12 - 14 ft
				N	N	N
				7622744.111	7622744.111	7622744.111
				706338.8799	706338.8799	706338.8799
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.11 U	7.10 U	6.78 U
Aroclor 1221	SW8082A			7.11 U	7.10 U	6.78 U
Aroclor 1232	SW8082A			7.11 U	7.10 U	6.78 U
Aroclor 1242	SW8082A			5.72 J	10.5 J	19.0 J
Aroclor 1248	SW8082A			7.11 U	7.10 U	6.78 U
Aroclor 1254	SW8082A			13.3 J	21.7 J	34.8 J
Aroclor 1260	SW8082A			8.65 J	14.5 J	22.9 J
Aroclor 1262	SW8082A			7.11 U	7.10 U	6.78 U
Aroclor 1268	SW8082A			7.11 U	7.10 U	6.78 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	49.0 JT	68.0 JT	97.0 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			250	225	--
Motor oil range hydrocarbons	NWTPHDx			476	397	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.72 UJ	3.59 UJ	3.46 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-051SC-A	USMPDI-051SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-14-15.7-210427	USMPDI-051SC-A-08-09-210430	USMPDI-051SC-A-09-10-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			29.9 J	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	12	21
Total Solids	SM2540G			57.7	42	42.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.13	--	--
Cadmium	SW6020B			0.368	--	--
Chromium	SW6020B			31.9	--	--
Copper	SW6020B			55.7	--	--
Lead	SW6020B			27.2	--	--
Manganese	SW6020B			909	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-051SC-A	USMPDI-051SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-14-15.7-210427	USMPDI-051SC-A-08-09-210430	USMPDI-051SC-A-09-10-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Vanadium	SW6020B			97.5	--	--
Zinc	SW6020B			166	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			69.5 U	--	--
1,2-Dichloroethene, cis-	SW8260D			69.5 U	--	--
Benzene	SW8260D			27.8 U	--	--
Chlorobenzene	SW8260D		320	69.5 U	--	--
Ethylbenzene	SW8260D			69.5 U	--	--
m,p-Xylene	SW8260D			139 U	--	--
o-Xylene	SW8260D			69.5 U	--	--
Tetrachloroethene (PCE)	SW8260D			69.5 U	--	--
Toluene	SW8260D			139 U	--	--
Trichloroethene (TCE)	SW8260D			69.5 U	--	--
Vinyl chloride	SW8260D			69.5 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				139 UT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				139 UT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	4780	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	1560 J	--
Pentachlorophenol	SW8270E			860 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	4400 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	6520	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-051SC-A	USMPDI-051SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-14-15.7-210427	USMPDI-051SC-A-08-09-210430	USMPDI-051SC-A-09-10-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	1860 J	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	1920 J	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	3100 J	6580
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	8230 J	13200
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	536 J	3050 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	7570	18800
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	21900	50000
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	19600	48300
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	14500 J	41400
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-051SC-A	USMPDI-051SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-14-15.7-210427	USMPDI-051SC-A-08-09-210430	USMPDI-051SC-A-09-10-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			--	17800	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	18800	55800 J
Benzo(j)fluoranthene	SW8270ESIM			--	8230 J	19800
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	9450	25300 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	991 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	500 U	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	29900	61000
Decalin, cis-	SW8270ESIM			--	500 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	500 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	838 J	7340
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	2470 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	6060	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	79900	128000
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	8550 J	13000
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-051SC-A	USMPDI-051SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-14-15.7-210427	USMPDI-051SC-A-08-09-210430	USMPDI-051SC-A-09-10-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	10600 J	39000
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	12100 J	28800
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	4320	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	72800	105000
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	89200	153000
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	32200 JT	86500 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	25300 JT	69000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	303000 JT	630000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	110000 JT	190000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	420000 JT	820000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	11900	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	663	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	613	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	491 J	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	5900	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	21200	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	4600	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-051SC-A	USMPDI-051SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-14-15.7-210427	USMPDI-051SC-A-08-09-210430	USMPDI-051SC-A-09-10-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	5050	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	2980	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	29700	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	4480	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	1330	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	1120	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	78.5 J	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	5490	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	7960	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	4320	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	9660	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	1980	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	18500	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	1570	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	1680	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	658	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	500 U	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-051SC-A	USMPDI-051SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-14-15.7-210427	USMPDI-051SC-A-08-09-210430	USMPDI-051SC-A-09-10-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	3330	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	4100	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	2830	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	11300	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	1200	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	9190	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	768	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	86.3 J	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	500 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	2930	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	5910	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	348 J	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	2490	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	897 U	1360 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	859 U	1310 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	618 U	904 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	632 U	848 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	362 U	487 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	483 U	723 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	USMPDI-041SC-B	USMPDI-051SC-A	USMPDI-051SC-A
	Sample ID	USMPDI-041SC-B-14-15.7-210427	USMPDI-051SC-A-08-09-210430	USMPDI-051SC-A-09-10-210430
	Sample Date	4/27/2021	4/30/2021	4/30/2021
	Depth	14 - 15.7 ft	8 - 9 ft	9 - 10 ft
	Sample Type	N	N	N
	Easting	7622744.111	7622970.05	7622970.05
	Northing	706338.8799	706083.9104	706083.9104
	Analytical Method	Site-Wide RAL	PTW Threshold	
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				897 UT
PH-ROD Sum DDD (U = 1/2 max limit)				632 UT
PH-ROD Sum DDE (U = 1/2 max limit)				897 UT
PH-ROD Sum DDT (U = 1/2 max limit)				859 UT
PH-ROD Sum DDT (U = 1/2 max limit)				618 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	897 UT
Herbicides (µg/kg)				
2,4,5-TP (Silvex)	SW8151A			86 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			86 U
Dioxin Furans (µg/kg)				
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-041SC-B	USMPDI-051SC-A	USMPDI-051SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-041SC-B-14-15.7-210427	USMPDI-051SC-A-08-09-210430	USMPDI-051SC-A-09-10-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.066	0.0460 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0888 J	0.0773 J
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.0179 JT	0.0132 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.00804 JT	0.00601 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.00899 JT	0.00621 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	1.55 JT	0.947 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	9.39 UJ	9.34 UJ
Aroclor 1221	SW8082A			--	9.39 UJ	9.34 UJ
Aroclor 1232	SW8082A			--	9.39 UJ	9.34 UJ
Aroclor 1242	SW8082A			--	40.3 J	25.0 J
Aroclor 1248	SW8082A			--	9.39 UJ	9.34 UJ
Aroclor 1254	SW8082A			--	129 J	68.7 J
Aroclor 1260	SW8082A			--	34.9 J	9.34 UJ
Aroclor 1262	SW8082A			--	9.39 UJ	98.3 J
Aroclor 1268	SW8082A			--	9.39 UJ	9.34 UJ
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	232 JT	220 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	2050	--
Motor oil range hydrocarbons	NWTPHDx			--	1760	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.49 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-A	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-A-10-10.8-210430	USMPDI-051SC-B-00-02-210430	USMPDI-051SC-B-02-04-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	72
Plastic limit	D4318			--	--	44
Plasticity index	D4318			--	--	28
Specific gravity	D854			--	--	2.66
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	75.3 J	96.5 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	98.2
Total organic carbon	SM5310BM			14	2.6	2.4
Total Solids	SM2540G			60.1	44.2	49.6
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	7.1
Total fines (Reported, not calculated)	D6913			--	--	92.9
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	95
Percent passing 850 micron sieve (#20)	D6913			--	--	99
Percent passing 425 micron sieve (#40)	D6913			--	--	99
Percent passing 250 micron sieve (#60)	D6913			--	--	98
Percent passing 150 micron sieve (#100)	D6913			--	--	96
Percent passing 75 micron sieve (#200)	D6913			--	--	93
Metals (mg/kg)						
Arsenic	SW6020B			--	6.87	6.9
Cadmium	SW6020B			--	0.24	0.237
Chromium	SW6020B			--	30.3	32.6
Copper	SW6020B			--	50.2	61.5
Lead	SW6020B			--	20.7	47.4
Manganese	SW6020B			--	559	529

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-A	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-A-10-10.8-210430	USMPDI-051SC-B-00-02-210430	USMPDI-051SC-B-02-04-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	89.8 J	91.0 J
Zinc	SW6020B			--	104	118
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	85.7 U	78.5 U
1,2-Dichloroethene, cis-	SW8260D			--	85.7 U	78.5 U
Benzene	SW8260D			--	34.3 U	31.4 U
Chlorobenzene	SW8260D		320	--	85.7 U	78.5 U
Ethylbenzene	SW8260D			--	85.7 U	78.5 U
m,p-Xylene	SW8260D			--	171 U	157 U
o-Xylene	SW8260D			--	85.7 U	78.5 U
Tetrachloroethene (PCE)	SW8260D			--	85.7 U	78.5 U
Toluene	SW8260D			--	171 U	157 U
Trichloroethene (TCE)	SW8260D			--	85.7 U	78.5 U
Vinyl chloride	SW8260D			--	85.7 U	78.5 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	171 UT	157 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	171 UT	157 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	4480
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	429 J
Pentachlorophenol	SW8270E			--	1110 U	980 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	--	482 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	6390

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-A	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-A-10-10.8-210430	USMPDI-051SC-B-00-02-210430	USMPDI-051SC-B-02-04-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	1420 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	1100 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			--	124	754 J
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			--	224	6230 J
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			--	82.7 J	269 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			--	376	14400
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			--	1180	24000
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			--	1430	32500
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			--	1060	12100 J
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-A	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-A-10-10.8-210430	USMPDI-051SC-B-00-02-210430	USMPDI-051SC-B-02-04-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	--	14800
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			--	1730 J	14800
Benzo(j)fluoranthene	SW8270ESIM			--	459	6970 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			--	604 J	7300
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	238 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	--	250 U
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			--	1380	23300
Decalin, cis-	SW8270ESIM			--	--	250 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	250 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	278	489 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	365 J
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	6050
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			--	2330	118000
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			--	255	5870 J
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-A	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-A-10-10.8-210430	USMPDI-051SC-B-00-02-210430	USMPDI-051SC-B-02-04-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	1190	7400 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	--	272	2910 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	--	5810
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			--	1410	100000
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			--	3140	147000
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				--	2120 JT	26000 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	--	2060 JT	37000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				--	14800 JT	390000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				--	2740 JT	130000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		--	17500 JT	520000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	9910
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	65.6 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	233 J
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	320
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	4840
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	26700
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	5070

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-A	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-A-10-10.8-210430	USMPDI-051SC-B-00-02-210430	USMPDI-051SC-B-02-04-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	787
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	2670
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	30800
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	3620
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	454
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	849
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	58.6 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	4370
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	7490
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	4270
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	4820
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	1470
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	15400
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1380
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	1300
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	562
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	250 U
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-A	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-A-10-10.8-210430	USMPDI-051SC-B-00-02-210430	USMPDI-051SC-B-02-04-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	--	2690
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	2990
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	2810
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	9460
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	852
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	6710
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	415
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	74.3 J
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	250 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	3370
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	4850
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	221 J
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1800
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			320 U	8.99 UJ	7.93 U
2,4'-DDE (o,p'-DDE)	SW8081B			704 U	8.99 UJ	9.12 U
2,4'-DDT (o,p'-DDT)	SW8081B			320 U	8.99 UJ	7.93 U
4,4'-DDD (p,p'-DDD)	SW8081B			320 U	15.3 UJ	19.0 U
4,4'-DDE (p,p'-DDE)	SW8081B			320 U	8.99 UJ	7.93 U
4,4'-DDT (p,p'-DDT)	SW8081B			320 UJ	8.99 UJ	7.93 U

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID			USMPDI-051SC-A	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-A-10-10.8-210430	USMPDI-051SC-B-00-02-210430	USMPDI-051SC-B-02-04-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				704 UT	8.99 UJT	9.12 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				320 UJT	15.3 UJT	19.0 UT
PH-ROD Sum DDD (U = 1/2 max limit)				320 UT	15.3 UJT	19.0 UT
PH-ROD Sum DDE (U = 1/2 max limit)				704 UT	8.99 UJT	9.12 UT
PH-ROD Sum DDT (U = 1/2 max limit)				320 UJT	8.99 UJT	7.93 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	704 UJT	15.3 UJT	19.0 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	110 UJ	97 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	110 UJ	97 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000615	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.000925 J	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00170 J	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0081	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00333	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.301 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			1.7 J	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00793 J	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0118 J	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0960 J	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.882 J	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0132	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0106	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.00988	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0171	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00464	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000664 U	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00398	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0526 J	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00393 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.104 J	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.105 J	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0930 J	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-A	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-A-10-10.8-210430	USMPDI-051SC-B-00-02-210430	USMPDI-051SC-B-02-04-210430
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.0941	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.151 J	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.030 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.012 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.014 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				2.2 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.96 UJ	9.04 U	7.95 U
Aroclor 1221	SW8082A			18.9 UJ	9.04 U	7.95 U
Aroclor 1232	SW8082A			34.2 UJ	12.7 U	7.95 U
Aroclor 1242	SW8082A			10.3 UJ	9.04 U	5.77 J
Aroclor 1248	SW8082A			15.3 UJ	9.04 U	7.95 U
Aroclor 1254	SW8082A			13.9 J	10.2 J	11.1 U
Aroclor 1260	SW8082A			4.03 J	6.01 J	7.23 J
Aroclor 1262	SW8082A			6.63 UJ	9.04 U	7.95 U
Aroclor 1268	SW8082A			6.63 UJ	9.04 U	7.95 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	67.9 JT	49.7 JT	42.4 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	173
Motor oil range hydrocarbons	NWTPHDx			--	--	315
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	4.33 UJ	4.01 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-04-06-210430	USMPDI-051SC-B-06-08-210430	USMPDI-051SC-B-08-10-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			575 J	329 J	8490 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			3.3	2.4	--
Total Solids	SM2540G			51.2	53.8	42.4
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			16.7	7.75	12.6
Cadmium	SW6020B			0.403	0.369	0.469
Chromium	SW6020B			91.7	55.8	100
Copper	SW6020B			154	73.7	348
Lead	SW6020B			80.4	59.1	527
Manganese	SW6020B			605	569	254

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-04-06-210430	USMPDI-051SC-B-06-08-210430	USMPDI-051SC-B-08-10-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			91.1	95.9	68.4
Zinc	SW6020B			271	163	247
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			71.8 U	72.1 U	199 U
1,2-Dichloroethene, cis-	SW8260D			71.8 U	72.1 U	199 U
Benzene	SW8260D			28.7 U	28.8 U	87.2
Chlorobenzene	SW8260D		320	71.8 U	72.1 U	199 U
Ethylbenzene	SW8260D			71.8 U	72.1 U	566
m,p-Xylene	SW8260D			144 U	144 U	398 U
o-Xylene	SW8260D			71.8 U	72.1 U	199 U
Tetrachloroethene (PCE)	SW8260D			71.8 U	72.1 U	199 U
Toluene	SW8260D			144 U	144 U	398 U
Trichloroethene (TCE)	SW8260D			71.8 U	72.1 U	199 U
Vinyl chloride	SW8260D			71.8 U	72.1 U	199 U
PH-ROD Total BTEX (U = 1/2 max limit)				144 UT	144 UT	1150 T
PH-ROD Total Xylene (U = 1/2 max limit)				144 UT	144 UT	398 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			899	247	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			79.8 J	27.2 J	--
Pentachlorophenol	SW8270E			1930 U	902 U	2320 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			107 J	86.0 J	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			802	244	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-04-06-210430	USMPDI-051SC-B-06-08-210430	USMPDI-051SC-B-08-10-210430
				Sample Date 4/30/2021	Sample Date 4/30/2021	Sample Date 4/30/2021
				Depth 4 - 6 ft	Depth 6 - 8 ft	Depth 8 - 10 ft
				Sample Type N	Sample Type N	Sample Type N
				Easting 7622970.05	Easting 7622970.05	Easting 7622970.05
				Northing 706083.9104	Northing 706083.9104	Northing 706083.9104
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			170 J	65.6 J	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			83.6 J	50.1 J	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			158 J	66.1 J	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			1210 J	425 J	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			72.3 J	22.2 J	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			979	313	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			4930	1280	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			4720	1410	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			2210 UJ	902 J	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

**Table 4-3a
Data Summary: Subsurface Sediment**

	Location ID			USMPDI-051SC-B	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-04-06-210430	USMPDI-051SC-B-06-08-210430	USMPDI-051SC-B-08-10-210430
				Sample ID 4/30/2021	Sample ID 4/30/2021	Sample ID 4/30/2021
				Sample Date 4 - 6 ft	Sample Date 6 - 8 ft	Sample Date 8 - 10 ft
				Depth N	Depth N	Depth N
				Sample Type 7622970.05	Sample Type 7622970.05	Sample Type 7622970.05
				Easting 706083.9104	Easting 706083.9104	Easting 706083.9104
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			3290	1020	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			2840	1110	--
Benzo(j)fluoranthene	SW8270ESIM			1460 J	458 J	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1540	452	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			37.3 J	11.9 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			25.0 U	25.0 U	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			6310	1740	--
Decalin, cis-	SW8270ESIM			25.0 UJ	25.0 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			25.0 UJ	25.0 UJ	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			120 J	44.0 J	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			122 J	93.0 J	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			662	184	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			14500	3870	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			1070 J	321 J	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-04-06-210430	USMPDI-051SC-B-06-08-210430	USMPDI-051SC-B-08-10-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1600 J	558 J	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	490 J	178 J	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			1030	369	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			8130	2130	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			15800	4140	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				4110 JT	1810 JT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	5600 JT	1730 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)				55000 JT	16000 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)				12000 JT	3460 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		67000 JT	19400 JT	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			2440	851	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			35.4	20.7 J	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			82.2	28.8	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			75.9	39.7	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			638	202	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			4610	1410	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			555	178	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-04-06-210430	USMPDI-051SC-B-06-08-210430	USMPDI-051SC-B-08-10-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			178	100	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			681	211	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			3770	1080	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			955	333	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			21.4 J	42.1	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			146	109	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			15.2 J	7.4 J	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			802	273	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			1740	599	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			650	209	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			602	242	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			415	162	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			3110	917	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			380	135	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			156	49.7	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			97.7	128	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			3.6 J	25.0 U	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-04-06-210430	USMPDI-051SC-B-06-08-210430	USMPDI-051SC-B-08-10-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			604	261	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			896	359	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			549	199	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			978	450	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			246	116	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			1870	627	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			115	64.1	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			18.4 J	16.7 J	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25.0 U	25.0 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			672	173	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			703	271	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			72.1	43.6	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			339	284	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			37.5 U	10.6 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			44.3 U	11.7 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			30.8 U	7.30 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			63.5 U	27.2 J	--
4,4'-DDE (p,p'-DDE)	SW8081B			30.8 U	12.8 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			44.3 U	7.30 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-04-06-210430	USMPDI-051SC-B-06-08-210430	USMPDI-051SC-B-08-10-210430
				4/30/2021	4/30/2021	4/30/2021
				4 - 6 ft	6 - 8 ft	8 - 10 ft
				N	N	N
				7622970.05	7622970.05	7622970.05
				706083.9104	706083.9104	706083.9104
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				44.3 UT	11.7 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				63.5 UT	37.3 JT	--
PH-ROD Sum DDD (U = 1/2 max limit)				63.5 UT	32.5 JT	--
PH-ROD Sum DDE (U = 1/2 max limit)				44.3 UT	12.8 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				44.3 UT	7.30 UT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	63.5 UT	52.1 JT	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			82 UJ	90 UJ	110 UJ
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			82 UJ	90 UJ	110 UJ
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-051SC-B	USMPDI-051SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-04-06-210430	USMPDI-051SC-B-06-08-210430	USMPDI-051SC-B-08-10-210430
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.68 U	7.20 U	--
Aroclor 1221	SW8082A			7.68 U	7.20 U	--
Aroclor 1232	SW8082A			7.68 U	7.20 U	--
Aroclor 1242	SW8082A			12.1 J	10.0 J	--
Aroclor 1248	SW8082A			7.68 U	7.20 U	--
Aroclor 1254	SW8082A			32.3 J	26.7 J	--
Aroclor 1260	SW8082A			13.7 J	15.4 J	--
Aroclor 1262	SW8082A			7.68 U	7.20 U	--
Aroclor 1268	SW8082A			7.68 U	7.20 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	81.1 JT	73.7 JT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			531	261	--
Motor oil range hydrocarbons	NWTPHDx			699	452	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.83 UJ	3.7 UJ	17.4 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-052SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-10-10.8-210430	USMPDI-052SC-A-10-11-210428	USMPDI-052SC-A-11-12.2-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			4920 J	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			--	4.4	5.1
Total Solids	SM2540G			61.9	54.7	56.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			7.7	--	--
Cadmium	SW6020B			0.120 J	--	--
Chromium	SW6020B			34.3	--	--
Copper	SW6020B			96.4	--	--
Lead	SW6020B			149	--	--
Manganese	SW6020B			123	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-052SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-10-10.8-210430	USMPDI-052SC-A-10-11-210428	USMPDI-052SC-A-11-12.2-210428
				USMPDI-051SC-B	USMPDI-052SC-A	USMPDI-052SC-A
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			46.6	--	--
Zinc	SW6020B			111	--	--
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			133 U	--	--
1,2-Dichloroethene, cis-	SW8260D			133 U	--	--
Benzene	SW8260D			128	--	--
Chlorobenzene	SW8260D		320	133 U	--	--
Ethylbenzene	SW8260D			314	--	--
m,p-Xylene	SW8260D			266 U	--	--
o-Xylene	SW8260D			76.5 J	--	--
Tetrachloroethene (PCE)	SW8260D			133 U	--	--
Toluene	SW8260D			266 U	--	--
Trichloroethene (TCE)	SW8260D			133 U	--	--
Vinyl chloride	SW8260D			133 U	--	--
PH-ROD Total BTEX (U = 1/2 max limit)				785 JT	--	--
PH-ROD Total Xylene (U = 1/2 max limit)				210 JT	--	--
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			5010	1540	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			1190 J	840	--
Pentachlorophenol	SW8270E			40000 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			2340 J	2750	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			5740	2070 J	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-052SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-10-10.8-210430	USMPDI-052SC-A-10-11-210428	USMPDI-052SC-A-11-12.2-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			1120 J	853	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			1290 J	1110	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			1810 J	3940	8840 UJ
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			7130 J	2510	6450 U
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			929 J	340	419 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			7080	3230	9650
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			26400	6110	11600
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			25000	5810	11400
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			14900 J	5250	8600
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-052SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-10-10.8-210430	USMPDI-052SC-A-10-11-210428	USMPDI-052SC-A-11-12.2-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Benzo(e)pyrene	SW8270ESIM			18900	8310	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			19100	8720	13700 J
Benzo(j)fluoranthene	SW8270ESIM			8440 J	4240	3660 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			7660	3180	5280 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			688 J	866 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			500 U	862	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			34300	12700	14200
Decalin, cis-	SW8270ESIM			500 UJ	25 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			500 UJ	58.5 J	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			716 J	1470 J	1950 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			1670 J	801	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			4580	2860 J	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			87000	36100	29100
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			5990 J	3450	7070 U
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-052SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-10-10.8-210430	USMPDI-052SC-A-10-11-210428	USMPDI-052SC-A-11-12.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			9860 J	4780	9620 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	9870 J	8590 J	11400 U
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			5330	1330 J	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			71100	34700	39300
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			105000	37600	36200
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				31000 JT	12700 T	18000 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	31000 JT	8940 JT	16000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				340000 JT	126000 JT	150000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				104000 JT	57000 JT	66200 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		440000 JT	180000 JT	210000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			11700	4970	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			464 J	475	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			271 J	245	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			370 J	1030	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			4630	1860	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			24400	8630	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			3430	1950	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-052SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-10-10.8-210430	USMPDI-052SC-A-10-11-210428	USMPDI-052SC-A-11-12.2-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			3170	4110	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			2920	937	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			25700	12200	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			3800	2420	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			860	616	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			395 J	626	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			500 U	293	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			4170	2200	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			6740	3560	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			2420	1850	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			6830	4190	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			1580	643	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			15800	7120	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			1190	971	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			1090	639	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			239 J	639	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			500 U	116	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-052SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-10-10.8-210430	USMPDI-052SC-A-10-11-210428	USMPDI-052SC-A-11-12.2-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
C3-Dibenzothiophenes	SW8270ESIM			2560	1300	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			2710	1750	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			1760	1380	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			8850	3320	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			899	395	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			7000	3200	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			523	413	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			500 U	585	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			500 U	25 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			3190	1030	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			3410	986	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			500 U	76	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			2190	779	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			--	110 U	37.2 U
2,4'-DDE (o,p'-DDE)	SW8081B			--	231 U	74.5 U
2,4'-DDT (o,p'-DDT)	SW8081B			--	125 U	34.6 U
4,4'-DDD (p,p'-DDD)	SW8081B			--	152 U	78.9 U
4,4'-DDE (p,p'-DDE)	SW8081B			--	82.0 U	37.2 U
4,4'-DDT (p,p'-DDT)	SW8081B			--	92.5 U	37.2 U

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-052SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-10-10.8-210430	USMPDI-052SC-A-10-11-210428	USMPDI-052SC-A-11-12.2-210428
				4/30/2021	4/28/2021	4/28/2021
				10 - 10.8 ft	10 - 11 ft	11 - 12.2 ft
				N	N	N
				7622970.05	7623026.035	7623026.035
				706083.9104	706132.19	706132.19
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				--	231 UT	74.5 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				--	152 UT	78.9 UT
PH-ROD Sum DDD (U = 1/2 max limit)				--	152 UT	78.9 UT
PH-ROD Sum DDE (U = 1/2 max limit)				--	231 UT	74.5 UT
PH-ROD Sum DDT (U = 1/2 max limit)				--	125 UT	37.2 UT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	--	231 UT	78.9 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			540 UJ	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			540 UJ	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	0.000247 U	0.000249 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	0.000983 J	0.000552 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.000857 U	0.000544 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.007	0.00303
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.00295	0.00125 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.147	0.0991
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	1.48	1.44
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	0.00335 J	0.00162 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	0.0100 J	0.00450 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	0.0513 J	0.0195 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	0.312	0.219
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	0.0489	0.0114
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.139	0.0156
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	0.0524	0.00826
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	0.415	0.0228
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0708	0.00574
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0212	0.000974 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.0131	0.00232 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.201	0.0328
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.0619	0.00538
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	0.231	0.0711
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	0.129 J	0.0427 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	0.3 J	0.0524 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-051SC-B	USMPDI-052SC-A	USMPDI-052SC-A
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-051SC-B-10-10.8-210430	USMPDI-052SC-A-10-11-210428	USMPDI-052SC-A-11-12.2-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	0.588 J	0.0654 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	0.371 J	0.109
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	0.172 JT	0.0260 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	0.0920 JT	0.0104 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	0.0835 JT	0.0104 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	2.89 JT	1.72 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			--	6.97 U	6.87 U
Aroclor 1221	SW8082A			--	6.97 U	6.87 U
Aroclor 1232	SW8082A			--	6.97 U	6.87 U
Aroclor 1242	SW8082A			--	23.8 J	15.0 J
Aroclor 1248	SW8082A			--	6.97 U	6.87 U
Aroclor 1254	SW8082A			--	39.5 J	21.4 J
Aroclor 1260	SW8082A			--	25.2 J	16.8 J
Aroclor 1262	SW8082A			--	6.97 U	6.87 U
Aroclor 1268	SW8082A			--	6.97 U	6.87 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	--	109 JT	73.8 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			2600	1060	--
Motor oil range hydrocarbons	NWTPHDx			1880	1070	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.28 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-00-02-210428	USMPDI-052SC-B-02-04-210428	USMPDI-052SC-B-04-06-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			167 J	101 J	0.910 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			2.9	2.7	2.1
Total Solids	SM2540G			45	51.6	56.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			4.89	4.84	4.86
Cadmium	SW6020B			0.251	0.226	0.217
Chromium	SW6020B			27.1	28.5	28.7
Copper	SW6020B			50.1	51.8	46
Lead	SW6020B			17.6	22.5	20.1
Manganese	SW6020B			507	582	683

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-00-02-210428	USMPDI-052SC-B-02-04-210428	USMPDI-052SC-B-04-06-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			83.7	84.8	90.5
Zinc	SW6020B			105	110	102
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			64.4 U	73.0 U	61.2 U
1,2-Dichloroethene, cis-	SW8260D			64.4 U	73.0 U	61.2 U
Benzene	SW8260D			25.7 U	29.2 U	24.5 U
Chlorobenzene	SW8260D		320	64.4 U	73.0 U	61.2 U
Ethylbenzene	SW8260D			64.4 U	73.0 U	61.2 U
m,p-Xylene	SW8260D			129 U	146 U	122 U
o-Xylene	SW8260D			64.4 U	73.0 U	61.2 U
Tetrachloroethene (PCE)	SW8260D			64.4 U	73.0 U	61.2 U
Toluene	SW8260D			129 U	146 U	122 U
Trichloroethene (TCE)	SW8260D			64.4 U	73.0 U	61.2 U
Vinyl chloride	SW8260D			64.4 U	73.0 U	61.2 U
PH-ROD Total BTEX (U = 1/2 max limit)				129 UT	146 UT	122 UT
PH-ROD Total Xylene (U = 1/2 max limit)				129 UT	146 UT	122 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	293	60
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	38.4	10.1 J
Pentachlorophenol	SW8270E			1100 U	482 U	431 UJ
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			--	80.2	17.8 J
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	322	74.1

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-00-02-210428	USMPDI-052SC-B-02-04-210428	USMPDI-052SC-B-04-06-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	65.8	19.7 J
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	48.9	10.8 J
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			169 UJ	113	29.4
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			476	523	196
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			132 J	57.4	17.5 J
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			1040	454	67.6
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			2820	2370 J	507 J
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			3580	2220	421
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			2280	1900	370
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-00-02-210428	USMPDI-052SC-B-02-04-210428	USMPDI-052SC-B-04-06-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			--	2070	351
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			3570 J	2230	414
Benzo(j)fluoranthene	SW8270ESIM			954 J	1030	238
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1420 J	1020	213
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			--	18.3 J	4.9 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			--	183	19.6 J
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			3200	2920	643 J
Decalin, cis-	SW8270ESIM			--	25 UJ	25 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			--	25 UJ	25 UJ
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			537 J	331 J	30.2
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			--	56.3	25.7
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	291	67.2
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			5570	6410	1200
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			598 U	379	161
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-00-02-210428	USMPDI-052SC-B-02-04-210428	USMPDI-052SC-B-04-06-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			2470 J	1810 J	261
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	295 U	271 J	62.6 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			--	801	238
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			3830 U	3070	714
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			6620	7350	1190
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				4650 JT	4000 T	820 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4900 JT	3200 JT	570 JT
PH-ROD Total HPAH (U = 1/2 max limit)				33000 JT	30000 JT	5500 JT
PH-ROD Total LPAH (U = 1/2 max limit)				4090 JT	4870 JT	1250 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		37000 JT	34000 JT	6700 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	2180	283
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	16 J	4.4 J
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			--	14.8 J	11.1 J
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	377	38.8
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	290	53.6
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	2030	433
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	231	61.5

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-00-02-210428	USMPDI-052SC-B-02-04-210428	USMPDI-052SC-B-04-06-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	120	28.4
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	254	38.4
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	1310	278
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	1060	115
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	37.7	9.3 J
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			--	50.2	25.7
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	82.3	7.9 J
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	347	57.5
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	882	146
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	237	54.5
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	209	58.2
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	177	17.3 J
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	1040	196
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	438	60.7
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	49.9	25 U
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			--	60.7	30.9
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	51.3	4.3 J
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-00-02-210428	USMPDI-052SC-B-02-04-210428	USMPDI-052SC-B-04-06-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			--	316	56.2
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	503	78.8
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	11.9 J	56.9
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	274	59.3
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			--	112	18.8 J
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	614	115
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	152	14 J
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			--	25 U	3.4 J
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	25 U	25 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	201	32.4
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	174	44.4
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	37.6	25 U
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	199	24.6 J
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			8.85 U	7.74 U	3.52 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			8.85 U	7.74 U	3.52 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			8.85 U	7.74 U	3.52 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			15.4 J	10.8 J	7.06 J
4,4'-DDE (p,p'-DDE)	SW8081B			8.85 U	7.74 U	2.53 J
4,4'-DDT (p,p'-DDT)	SW8081B			8.85 U	7.74 U	2.13 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-00-02-210428	USMPDI-052SC-B-02-04-210428	USMPDI-052SC-B-04-06-210428
				USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
				USMPDI-052SC-B-00-02-210428	USMPDI-052SC-B-02-04-210428	USMPDI-052SC-B-04-06-210428
				4/28/2021	4/28/2021	4/28/2021
				0 - 2 ft	2 - 4 ft	4 - 6 ft
				N	N	N
				7623026.035	7623026.035	7623026.035
				706132.19	706132.19	706132.19
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				8.85 UT	7.74 UT	3.52 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				24.3 JT	18.5 JT	11.7 JT
PH-ROD Sum DDD (U = 1/2 max limit)				19.8 JT	14.7 JT	8.82 JT
PH-ROD Sum DDE (U = 1/2 max limit)				8.85 UT	7.74 UT	4.29 JT
PH-ROD Sum DDT (U = 1/2 max limit)				8.85 UT	7.74 UT	3.89 JT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	37.5 JT	30.2 JT	17.0 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			110 U	95 U	88 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			110 U	95 U	88 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-00-02-210428	USMPDI-052SC-B-02-04-210428	USMPDI-052SC-B-04-06-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			8.33 U	7.14 U	6.89 U
Aroclor 1221	SW8082A			8.33 U	7.14 U	6.89 U
Aroclor 1232	SW8082A			8.33 U	7.14 U	6.89 U
Aroclor 1242	SW8082A			8.33 U	7.14 U	3.58 J
Aroclor 1248	SW8082A			8.33 U	7.14 U	6.89 U
Aroclor 1254	SW8082A			8.11 J	4.23 J	5.72 J
Aroclor 1260	SW8082A			6.38 J	4.36 J	3.89 J
Aroclor 1262	SW8082A			8.33 U	7.14 U	6.89 U
Aroclor 1268	SW8082A			8.33 U	7.14 U	6.89 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	43.6 JT	33.6 JT	33.9 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	148	84.4
Motor oil range hydrocarbons	NWTPHDx			--	331	251
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.43 UJ	12.2 J	3.54 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-06-08-210428	USMPDI-052SC-B-08-10-210428	USMPDI-052SC-B-10-12.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Conventional Parameters (unitless)						
Liquid limit	D4318			89	--	--
Plastic limit	D4318			36	--	--
Plasticity index	D4318			53	--	--
Specific gravity	D854			2.6	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			303 J	1730 J	1470 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			87.4	--	--
Total organic carbon	SM5310BM			3.1	4.8 J	--
Total Solids	SM2540G			52.5	54.1	56.8
Grain Size (pct)						
Gravel	D6913			0 U	--	--
Sand	D6913			4.4	--	--
Total fines (Reported, not calculated)	D6913			95.6	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			100	--	--
Percent passing 2000 micron sieve (#10)	D6913			100	--	--
Percent passing 110 micron sieve (#140)	D6913			97	--	--
Percent passing 850 micron sieve (#20)	D6913			99	--	--
Percent passing 425 micron sieve (#40)	D6913			99	--	--
Percent passing 250 micron sieve (#60)	D6913			99	--	--
Percent passing 150 micron sieve (#100)	D6913			98	--	--
Percent passing 75 micron sieve (#200)	D6913			96	--	--
Metals (mg/kg)						
Arsenic	SW6020B			6.66	6.09	4.89
Cadmium	SW6020B			0.365	0.328	0.282
Chromium	SW6020B			40.1	32.4	31.1
Copper	SW6020B			87.4	81.7	62.6
Lead	SW6020B			45.4	93.1	44.9
Manganese	SW6020B			626	551	649

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-06-08-210428	USMPDI-052SC-B-08-10-210428	USMPDI-052SC-B-10-12.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			88.3	86.8	99.6
Zinc	SW6020B			161	151	141
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			72.8 U	66.8 U	63.4 U
1,2-Dichloroethene, cis-	SW8260D			72.8 U	66.8 U	63.4 U
Benzene	SW8260D			29.1 U	26.7 U	170
Chlorobenzene	SW8260D		320	72.8 U	66.8 U	63.4 U
Ethylbenzene	SW8260D			72.8 U	45.4 J	3680
m,p-Xylene	SW8260D			146 U	134 U	98.9 J
o-Xylene	SW8260D			72.8 U	66.8 U	138
Tetrachloroethene (PCE)	SW8260D			72.8 U	66.8 U	63.4 U
Toluene	SW8260D			146 U	134 U	95.1 J
Trichloroethene (TCE)	SW8260D			72.8 U	66.8 U	63.4 U
Vinyl chloride	SW8260D			72.8 U	66.8 U	63.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				146 UT	226 JT	4200 JT
PH-ROD Total Xylene (U = 1/2 max limit)				146 UT	134 UT	237 JT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			375	1720	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			49.7	1060	--
Pentachlorophenol	SW8270E			1870 UJ	917 U	858 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			83.1	2260	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			504	1870	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-06-08-210428	USMPDI-052SC-B-08-10-210428	USMPDI-052SC-B-10-12.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			152	939	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			84	1250	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			118	3320	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			822	1980	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			106	417	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			750	2520	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			2710	7730	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			2650	7080	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			2360	5910	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-06-08-210428	USMPDI-052SC-B-08-10-210428	USMPDI-052SC-B-10-12.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			2110	6000	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			2660	7140	--
Benzo(j)fluoranthene	SW8270ESIM			1500	3810	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1390	4190	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			21.5 J	820 J	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			162	1150	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			3600	10500	--
Decalin, cis-	SW8270ESIM			25 UJ	25 UJ	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			7.1 J	23.4 J	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			428	1450	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			147	817	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			505	1960	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			7230	22800	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			694	2380	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID Sample ID Sample Date Depth Sample Type Easting Northing	USMPDI-052SC-B USMPDI-052SC-B-06-08-210428		USMPDI-052SC-B USMPDI-052SC-B-08-10-210428		USMPDI-052SC-B USMPDI-052SC-B-10-12.2-210428	
		Analytical Method	Site-Wide RAL	PTW Threshold			
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			2320	5710	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--	--
Naphthalene	SW8270E		140000	--	--	--	--
Naphthalene	SW8270ESIM		140000	296 J	7470 J	--	--
Perylene	SW8270DMSIM			--	--	--	--
Perylene	SW8270ESIM			867	1860	--	--
Phenanthrene	SW8270DMSIM			--	--	--	--
Phenanthrene	SW8270E			--	--	--	--
Phenanthrene	SW8270ESIM			4410	22400	--	--
Pyrene	SW8270DMSIM			--	--	--	--
Pyrene	SW8270E			--	--	--	--
Pyrene	SW8270ESIM			7580	25700	--	--
Retene	SW8270DMSIM			--	--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				5300 T	13900 T	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3800 T	10500 T	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				34000 T	102000 T	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				7200 JT	40500 JT	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		42000 JT	143000 JT	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			1750	5850	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			22.6 J	521	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--	--
C1-Decalins	SW8270DMSIM			--	--	--	--
C1-Decalins	SW8270ESIM			81.1	108	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			358	1060	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--	--
C1-Dibenzothiophenes	SW8270ESIM			427	2480	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			2570	9960	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--	--
C1-Fluorenes	SW8270ESIM			378	1860	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-06-08-210428	USMPDI-052SC-B-08-10-210428	USMPDI-052SC-B-10-12.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			120	4430	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			234	1010	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			1900	13200	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			799	2570	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			63.4	684	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			225	328	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			137	217	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			517	2210	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			926	4150	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			447	1740	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			384	4610	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			150	656	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			1500	7310	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			381	1070	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			75.6	675	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			213	283	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			45.6	111	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-06-08-210428	USMPDI-052SC-B-08-10-210428	USMPDI-052SC-B-10-12.2-210428
				USMPDI-052SC-B USMPDI-052SC-B-06-08-210428 4/28/2021 6 - 8 ft N 7623026.035 706132.19	USMPDI-052SC-B USMPDI-052SC-B-08-10-210428 4/28/2021 8 - 10 ft N 7623026.035 706132.19	USMPDI-052SC-B USMPDI-052SC-B-10-12.2-210428 4/28/2021 10 - 12.2 ft N 7623026.035 706132.19
C3-Dibenzothiophenes	SW8270ESIM			339	1350	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			422	2040	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			432	1410	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			751	3870	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			92.6	395	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			830	3440	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			110	468	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			292	26.1	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25 U	25 U	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			214	946	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			393	1710	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			25.1	108	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			182	843	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			19.0 U	323 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			34.9	1460 J	--
2,4'-DDT (o,p'-DDT)	SW8081B			19.0 UJ	378 UJ	--
4,4'-DDD (p,p'-DDD)	SW8081B			31.6 J	507 U	--
4,4'-DDE (p,p'-DDE)	SW8081B			19.0 U	203 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			19.0 U	280 U	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-06-08-210428	USMPDI-052SC-B-08-10-210428	USMPDI-052SC-B-10-12.2-210428
				USMPDI-052SC-B 4/28/2021 6 - 8 ft N 7623026.035 706132.19	USMPDI-052SC-B 4/28/2021 8 - 10 ft N 7623026.035 706132.19	USMPDI-052SC-B 4/28/2021 10 - 12.2 ft N 7623026.035 706132.19
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				53.9 JT	1810 JT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				50.6 JT	507 UT	--
PH-ROD Sum DDD (U = 1/2 max limit)				41.1 JT	507 UT	--
PH-ROD Sum DDE (U = 1/2 max limit)				44.4 T	1560 JT	--
PH-ROD Sum DDT (U = 1/2 max limit)				19.0 UJT	378 UJT	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	105 JT	2310 JT	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			95 U	93 U	89 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			95 U	93 U	89 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-052SC-B	USMPDI-052SC-B	USMPDI-052SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-052SC-B-06-08-210428	USMPDI-052SC-B-08-10-210428	USMPDI-052SC-B-10-12.2-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.38 U	7.36 UJ	--
Aroclor 1221	SW8082A			7.38 U	7.36 UJ	--
Aroclor 1232	SW8082A			7.38 U	7.36 UJ	--
Aroclor 1242	SW8082A			5.21 J	10.2 J	--
Aroclor 1248	SW8082A			7.38 U	7.36 UJ	--
Aroclor 1254	SW8082A			8.15 J	16.4 J	--
Aroclor 1260	SW8082A			5.91 J	8.67 J	--
Aroclor 1262	SW8082A			7.38 U	7.36 UJ	--
Aroclor 1268	SW8082A			7.38 U	7.36 UJ	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	41.4 JT	57.4 JT	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			390	1070	--
Motor oil range hydrocarbons	NWTPHDx			750	1100	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.8 UJ	3.67 UJ	5.17 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-A	USMPDI-053SC-A	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-11-12-210428	USMPDI-053SC-A-12-13.1-210428	USMPDI-053SC-B-00-02-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	300 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			4.5 J	2.7 J	3.4 J
Total Solids	SM2540G			57.1	59.5	49
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	6.29
Cadmium	SW6020B			--	--	0.221
Chromium	SW6020B			--	--	31.3
Copper	SW6020B			--	--	51.1
Lead	SW6020B			--	--	24.9
Manganese	SW6020B			--	--	555

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-A	USMPDI-053SC-A	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-11-12-210428	USMPDI-053SC-A-12-13.1-210428	USMPDI-053SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			--	--	85.8
Zinc	SW6020B			--	--	111
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	--	84.6 U
1,2-Dichloroethene, cis-	SW8260D			--	--	84.6 U
Benzene	SW8260D			--	--	33.9 U
Chlorobenzene	SW8260D		320	--	--	84.6 U
Ethylbenzene	SW8260D			--	--	84.6 U
m,p-Xylene	SW8260D			--	--	169 U
o-Xylene	SW8260D			--	--	84.6 U
Tetrachloroethene (PCE)	SW8260D			--	--	84.6 U
Toluene	SW8260D			--	--	169 U
Trichloroethene (TCE)	SW8260D			--	--	84.6 U
Vinyl chloride	SW8260D			--	--	84.6 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	169 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	169 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			2820	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			303	--	--
Pentachlorophenol	SW8270E			--	--	988 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			10200	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			5680	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-A	USMPDI-053SC-A	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-11-12-210428	USMPDI-053SC-A-12-13.1-210428	USMPDI-053SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			2460 J	--	--
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			4130	--	--
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			4440	5460 U	746 U
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			22700	20300 U	2830 U
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			591	403	1030
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			16600	16000	6960
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			17300	12500	18100
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			19500	16700	24300
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			10600	8880	14200
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-A	USMPDI-053SC-A	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-11-12-210428	USMPDI-053SC-A-12-13.1-210428	USMPDI-053SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			11400	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			13400	15500 J	22300 J
Benzo(j)fluoranthene	SW8270ESIM			7290	3860	6030 J
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			6700	5660 J	8160 J
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			165 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			1470 J	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			21900	14500	19000
Decalin, cis-	SW8270ESIM			25 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			161 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			2020	1800 J	260 J
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			2310	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			8970	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			62600	45100	39700
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			13800	11900 U	2740 U
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-A	USMPDI-053SC-A	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-11-12-210428	USMPDI-053SC-A-12-13.1-210428	USMPDI-053SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			9880	9710 J	16000 J
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	2210 J	2680 U	2300 U
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			4500	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			95500	71200	18000
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			74400	56800	49300
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				25000 T	18400 JT	28400 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	25000 T	22000 JT	29000 JT
PH-ROD Total HPAH (U = 1/2 max limit)				250000 T	190000 JT	220000 JT
PH-ROD Total LPAH (U = 1/2 max limit)				156000 JT	110000 T	30000 T
PH-ROD Total PAH (U = 1/2 max limit)		30000		400000 JT	300000 JT	250000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			8810	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			1000	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			813	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			1260	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			4700	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			35000 J	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			5700	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-A	USMPDI-053SC-A	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-11-12-210428	USMPDI-053SC-A-12-13.1-210428	USMPDI-053SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			7490	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			4100 J	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			46100 J	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			4300	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			2290	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			1790	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			590	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			3780	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			12200 J	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			4430	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			14900	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			2120 J	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			26700 J	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			2110	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			2500	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			1680	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			204	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-A	USMPDI-053SC-A	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-11-12-210428	USMPDI-053SC-A-12-13.1-210428	USMPDI-053SC-B-00-02-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			2280	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			5910 J	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			3240	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			12100	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			1720 J	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			13100 J	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			889	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			128	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25 U	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			4550 J	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			5570	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			518 J	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			3230 J	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			55.5 U	31.5 U	75.2 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			139 U	31.5 U	75.2 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			48.5 U	31.5 UJ	75.2 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			102 U	33.5 J	52.2 J
4,4'-DDE (p,p'-DDE)	SW8081B			48.5 U	31.5 U	40.7 J
4,4'-DDT (p,p'-DDT)	SW8081B			34.7 U	31.5 U	142 J

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID	USMPDI-053SC-A		USMPDI-053SC-A		USMPDI-053SC-B	
		Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-11-12-210428	USMPDI-053SC-A-12-13.1-210428	USMPDI-053SC-B-00-02-210428	
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				139 UT	31.5 UJT	75.2 UJT	
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				102 UT	65.0 JT	235 JT	
PH-ROD Sum DDD (U = 1/2 max limit)				102 UT	49.3 JT	89.8 JT	
PH-ROD Sum DDE (U = 1/2 max limit)				139 UT	31.5 UT	78.3 JT	
PH-ROD Sum DDT (U = 1/2 max limit)				48.5 UT	31.5 UJT	180 JT	
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	139 UT	112 JT	348 JT	
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A			--	--	100 U	
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	100 U	
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	0.000741 J	0.000120 U	--	
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	0.00152 J	0.000253 U	--	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00213 U	0.000584 U	--	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.01	0.000629 U	--	
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00365	0.000691 U	--	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.541	0.0405	--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			6.89	0.432	--	
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00695 J	0.000174 J	--	
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.0123 J	0.00463 J	--	
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0815 J	0.0109	--	
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			1.16	0.0968	--	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0166	0.000538 J	--	
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0252	0.000496 J	--	
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	0.0156	0.00158 J	--	
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0495	0.000914 J	--	
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0131	0.000419 J	--	
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00212 J	0.000340 U	--	
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00594	0.000833 J	--	
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.1	0.00803	--	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.01	0.000507 U	--	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.424	0.0158	--	
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0864 J	0.00779 J	--	
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.12 J	0.0155 J	--	

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-A	USMPDI-053SC-A	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-A-11-12-210428	USMPDI-053SC-A-12-13.1-210428	USMPDI-053SC-B-00-02-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.15	0.0120 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.367	0.0243	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.047 JT	0.00281 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.022 JT	0.00158 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.027 JT	0.00168 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				8.1 JT	0.503 JT	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.50 U	6.51 U	7.96 U
Aroclor 1221	SW8082A			6.50 U	6.51 U	7.96 U
Aroclor 1232	SW8082A			6.50 U	6.51 U	7.96 U
Aroclor 1242	SW8082A			10.2 J	6.51 U	7.28 J
Aroclor 1248	SW8082A			6.50 U	6.51 U	7.96 U
Aroclor 1254	SW8082A			17.1 U	11.1 U	13.1 U
Aroclor 1260	SW8082A			11.7 J	24.4 J	8.23 J
Aroclor 1262	SW8082A			6.50 U	6.51 U	7.96 U
Aroclor 1268	SW8082A			6.50 U	6.51 U	7.96 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	50.0 JT	52.7 JT	45.9 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			2360	--	--
Motor oil range hydrocarbons	NWTPHDx			1950	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	4.15 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-02-04-210428	USMPDI-053SC-B-04-06-210428	USMPDI-053SC-B-06-08-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			136 J	93.0 JT	555 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			3.1 J	2.4 JT	2.4 J
Total Solids	SM2540G			53.4	54.9 T	54.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			5.19	5.63 T	7.56
Cadmium	SW6020B			0.219	0.242 T	0.389
Chromium	SW6020B			33	32.7 T	52.5
Copper	SW6020B			49	50.0 T	102
Lead	SW6020B			23.5	18.7 T	53.3
Manganese	SW6020B			614	747 T	746

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-02-04-210428	USMPDI-053SC-B-04-06-210428	USMPDI-053SC-B-06-08-210428
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
				4/28/2021	4/28/2021	4/28/2021
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623087.082	7623087.082	7623087.082
				706162.7031	706162.7031	706162.7031
Vanadium	SW6020B			89.9	92.6 T	88
Zinc	SW6020B			108	110 T	188
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			85.1 U	53.3 UT	70.5 U
1,2-Dichloroethene, cis-	SW8260D			85.1 U	53.3 UT	70.5 U
Benzene	SW8260D			34.1 U	21.3 UT	28.2 U
Chlorobenzene	SW8260D		320	85.1 U	53.3 UT	70.5 U
Ethylbenzene	SW8260D			85.1 U	53.3 UT	70.5 U
m,p-Xylene	SW8260D			170 U	107 UT	141 U
o-Xylene	SW8260D			85.1 U	53.3 UT	70.5 U
Tetrachloroethene (PCE)	SW8260D			85.1 U	53.3 UT	70.5 U
Toluene	SW8260D			170 U	107 UT	141 U
Trichloroethene (TCE)	SW8260D			85.1 U	53.3 UT	70.5 U
Vinyl chloride	SW8260D			85.1 U	53.3 UT	70.5 U
PH-ROD Total BTEX (U = 1/2 max limit)				170 UT	107 UT	141 UT
PH-ROD Total Xylene (U = 1/2 max limit)				170 UT	107 UT	141 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			644	327 T	828
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			33.8	32.4 T	75.5
Pentachlorophenol	SW8270E			934 U	228 UT	884 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			78.3	60 T	179
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			629	358 T	1180

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-02-04-210428	USMPDI-053SC-B-04-06-210428	USMPDI-053SC-B-06-08-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			89.7	68.1 T	234
2,6-Dimethylnaphthalene	SW8270DMSIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			57.5	39.4 T	282
2-Methylanthracene	SW8270DMSIM			--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			97.2	87.2 T	220
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			831	1100 T	3710
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			88.1	78.5 T	134
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			583	506 T	2240
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			3240	2140 JT	5610
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			2530	2160 T	5160
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			1860	1800 T	3850
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-02-04-210428	USMPDI-053SC-B-04-06-210428	USMPDI-053SC-B-06-08-210428
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
				4/28/2021	4/28/2021	4/28/2021
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623087.082	7623087.082	7623087.082
				706162.7031	706162.7031	706162.7031
Benzo(e)pyrene	SW8270ESIM			1770	1750 T	3470
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			1850	2230 T	3590
Benzo(j)fluoranthene	SW8270ESIM			1430	1000 T	2280
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			1440	938 T	2150
Benzoaphthothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270DMSIM			--	--	--
Benzothiophene	SW8270ESIM			15.2 J	13 JT	27.6 J
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			134	188 T	474
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			4850	4100 T	6640
Decalin, cis-	SW8270ESIM			25 UJ	24.9 UJT	25 UJ
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			25 UJ	24.9 UJT	13 J
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			454	276 T	706
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			56.6	140 T	1500
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			425	356 T	1260
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			9800	10400 T	19300
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			736	860 T	2810
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-02-04-210428	USMPDI-053SC-B-04-06-210428	USMPDI-053SC-B-06-08-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			1980	1480 T	2660
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	233 J	168 JT	411 J
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			849	725 T	1490
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			3950	6400 T	15800
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			8580	9560 T	17400
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				4730 T	3700 T	8280 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3710 T	3000 JT	7110 T
PH-ROD Total HPAH (U = 1/2 max limit)				38000 T	36000 JT	69300 T
PH-ROD Total LPAH (U = 1/2 max limit)				6520 JT	9100 JT	25000 JT
PH-ROD Total PAH (U = 1/2 max limit)		30000		45000 JT	45000 JT	95000 JT
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			2850	1300 T	3820
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			17.4 J	14.3 JT	51.6
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			18.6 J	20 JT	81.7
C1-Dibenz(a,h)anthracenes	SW8270ESIM			435	182 T	721
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			466	261 T	896
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			4670	2000 T	6500
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			378	290 T	1100

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-02-04-210428	USMPDI-053SC-B-04-06-210428	USMPDI-053SC-B-06-08-210428
	Sample ID	Sample Date	Depth	Sample Type	Easting	Northing
				4/28/2021	4/28/2021	4/28/2021
				2 - 4 ft	4 - 6 ft	6 - 8 ft
				N	N	N
				7623087.082	7623087.082	7623087.082
				706162.7031	706162.7031	706162.7031
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			106	88.3 T	242
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			341	212 T	507
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			2440	1400 T	5070
C2-Benzanthracenes/Chrysenes	SW8270ESIM			1140	567 T	1550
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			45.3	30.5 T	116
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			71.8	65.6 T	263
C2-Dibenz(a,h)anthracenes	SW8270ESIM			100	39.3 T	287
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			521	277 T	846
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			1380	720 T	2170
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			393	223 T	755
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			261	215 T	1090
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			155	110 T	225
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			1810	889 T	3050
C3-Benzanthracenes/Chrysenes	SW8270ESIM			495	240 T	710
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			67.9	36.0 T	145
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			47.1	70.2 T	228
C3-Dibenz(a,h)anthracenes	SW8270ESIM			70.4	22.3 JT	86.2
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-02-04-210428	USMPDI-053SC-B-04-06-210428	USMPDI-053SC-B-06-08-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			388	208 T	729
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			637	407 T	980
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			436	219 T	734
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			446	314 T	1060
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			115	75.7 T	169
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			911	376 T	1490
C4-Benzanthracenes/Chrysenes	SW8270ESIM			195	86.0 T	301
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			6.5 J	6 JT	32.3
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25 U	24.9 UT	25 U
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			217	152 T	389
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			271	149 T	576
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			34.7	25.2 JT	58.2
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			291	111 T	413
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			18.5 U	7.10 UT	16.9 UJ
2,4'-DDE (o,p'-DDE)	SW8081B			18.5 U	7.15 UT	16.9 UJ
2,4'-DDT (o,p'-DDT)	SW8081B			18.5 UJ	7.10 UJT	16.9 UJ
4,4'-DDD (p,p'-DDD)	SW8081B			23.4 J	18.4 JT	31.5 J
4,4'-DDE (p,p'-DDE)	SW8081B			9.25 J	6.24 JT	16.9 U
4,4'-DDT (p,p'-DDT)	SW8081B			18.5 U	7.15 UT	16.9 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-02-04-210428	USMPDI-053SC-B-04-06-210428	USMPDI-053SC-B-06-08-210428
				USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				18.5 UJT	7.15 UJT	16.9 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				41.9 JT	28.2 JT	48.4 JT
PH-ROD Sum DDD (U = 1/2 max limit)				32.7 JT	21.9 JT	40.0 JT
PH-ROD Sum DDE (U = 1/2 max limit)				18.5 JT	9.82 JT	16.9 UJT
PH-ROD Sum DDT (U = 1/2 max limit)				18.5 UJT	7.15 UJT	16.9 UJT
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	69.7 JT	38.8 JT	73.8 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			91 U	89 UT	91 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			91 U	89 UT	91 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-02-04-210428	USMPDI-053SC-B-04-06-210428	USMPDI-053SC-B-06-08-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			7.28 U	7.10 UT	7.23 U
Aroclor 1221	SW8082A			7.28 U	7.10 UT	7.23 U
Aroclor 1232	SW8082A			7.28 U	7.10 UT	7.23 U
Aroclor 1242	SW8082A			6.02 J	6.59 JT	14.3 J
Aroclor 1248	SW8082A			7.28 U	7.10 UT	7.23 U
Aroclor 1254	SW8082A			10.7 U	11.8 JT	26.5 J
Aroclor 1260	SW8082A			7.11 J	6.53 JT	14.0 J
Aroclor 1262	SW8082A			7.28 U	7.10 UT	7.23 U
Aroclor 1268	SW8082A			7.28 U	7.10 UT	7.23 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	40.3 JT	46.2 JT	76.5 JT
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			152 J	184 T	561
Motor oil range hydrocarbons	NWTPHDx			319	340 T	775
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.77 UJ	3.6 UJT	3.64 UJ

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-08-10-210428	USMPDI-053SC-B-10-12-210428	USMPDI-053SC-B-12-13.1-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	71	--
Plastic limit	D4318			--	42	--
Plasticity index	D4318			--	29	--
Specific gravity	D854			--	2.64	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			561 J	832 J	50.6 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	79.5	--
Total organic carbon	SM5310BM			3.1 J	--	--
Total Solids	SM2540G			56	56.8	59
Grain Size (pct)						
Gravel	D6913			--	0 U	--
Sand	D6913			--	12.2	--
Total fines (Reported, not calculated)	D6913			--	87.8	--
Percent passing 0.75 inch (3/4 inch sieve)	D6913			--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	100	--
Percent passing 2000 micron sieve (#10)	D6913			--	99	--
Percent passing 110 micron sieve (#140)	D6913			--	92	--
Percent passing 850 micron sieve (#20)	D6913			--	99	--
Percent passing 425 micron sieve (#40)	D6913			--	99	--
Percent passing 250 micron sieve (#60)	D6913			--	97	--
Percent passing 150 micron sieve (#100)	D6913			--	95	--
Percent passing 75 micron sieve (#200)	D6913			--	88	--
Metals (mg/kg)						
Arsenic	SW6020B			6.66	6.09	5.06
Cadmium	SW6020B			0.379	0.491	0.507
Chromium	SW6020B			34.4	29.7	27
Copper	SW6020B			63.5	66.2	53.8
Lead	SW6020B			49.9	65.7	29.3
Manganese	SW6020B			640	638	450

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-08-10-210428	USMPDI-053SC-B-10-12-210428	USMPDI-053SC-B-12-13.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Vanadium	SW6020B			104	99.9	88.5
Zinc	SW6020B			178	200	145
Organometals (µg/kg)						
Tributyltin (ion)	SW8270ESIM			--	--	--
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			68.5 U	67.1 U	58.5 U
1,2-Dichloroethene, cis-	SW8260D			68.5 U	67.1 U	58.5 U
Benzene	SW8260D			27.4 U	26.8 U	23.4 U
Chlorobenzene	SW8260D		320	68.5 U	67.1 U	58.5 U
Ethylbenzene	SW8260D			68.5 U	67.1 U	58.5 U
m,p-Xylene	SW8260D			137 U	134 U	117 U
o-Xylene	SW8260D			68.5 U	40.3 J	58.5 U
Tetrachloroethene (PCE)	SW8260D			68.5 U	67.1 U	58.5 U
Toluene	SW8260D			137 U	134 U	117 U
Trichloroethene (TCE)	SW8260D			68.5 U	67.1 U	58.5 U
Vinyl chloride	SW8260D			68.5 U	67.1 U	58.5 U
PH-ROD Total BTEX (U = 1/2 max limit)				137 UT	221 JT	117 UT
PH-ROD Total Xylene (U = 1/2 max limit)				137 UT	107 JT	117 UT
Semivolatile Organics (µg/kg)						
1-Methylpyrene	SW8270DMSIM			--	--	--
2-Methylpyrene	SW8270DMSIM			--	--	--
4-Methylpyrene	SW8270DMSIM			--	--	--
Benzo(b)fluorene	SW8270DMSIM			--	--	--
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			849	--	--
Biphenyl (1,1'-Biphenyl)	SW8270DMSIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			106	--	--
Pentachlorophenol	SW8270E			892 U	869 U	818 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methyldibenzothiophene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270DMSIM			--	--	--
1-Methylnaphthalene	SW8270ESIM			712	--	--
1-Methylphenanthrene	SW8270DMSIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			1480	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-08-10-210428	USMPDI-053SC-B-10-12-210428	USMPDI-053SC-B-12-13.1-210428
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				Easting		
				Northing		
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270DMSIM			4/28/2021	4/28/2021	4/28/2021
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			8 - 10 ft	10 - 12 ft	12 - 13.1 ft
2,6-Dimethylnaphthalene	SW8270DMSIM			N	N	N
2,6-Dimethylnaphthalene	SW8270ESIM			7623087.082	7623087.082	7623087.082
2-Methylanthracene	SW8270DMSIM			706162.7031	706162.7031	706162.7031
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	SW8270DMSIM			--	--	--
2-Methylnaphthalene	SW8270DMSIM			390	--	--
2-Methylnaphthalene	SW8270E			--	--	--
2-Methylnaphthalene	SW8270ESIM			460	--	--
2-Methylphenanthrene	SW8270DMSIM			--	--	--
4-Methyldibenzothiophene	SW8270DMSIM			--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270DMSIM			--	--	--
Acenaphthene	SW8270E			--	--	--
Acenaphthene	SW8270ESIM			2610	--	--
Acenaphthylene	SW8270DMSIM			--	--	--
Acenaphthylene	SW8270E			--	--	--
Acenaphthylene	SW8270ESIM			158	--	--
Anthracene	SW8270DMSIM			--	--	--
Anthracene	SW8270E			--	--	--
Anthracene	SW8270ESIM			2640	--	--
Benzo(a)anthracene	SW8270DMSIM			--	--	--
Benzo(a)anthracene	SW8270E			--	--	--
Benzo(a)anthracene	SW8270ESIM			5330	--	--
Benzo(a)fluoranthene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270DMSIM			--	--	--
Benzo(a)pyrene	SW8270E			--	--	--
Benzo(a)pyrene	SW8270ESIM			5590	--	--
Benzo(b)fluoranthene	SW8270DMSIM			--	--	--
Benzo(b)fluoranthene	SW8270E			--	--	--
Benzo(b)fluoranthene	SW8270ESIM			3840	--	--
Benzo(c)fluorene	SW8270DMSIM			--	--	--
Benzo(e)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-08-10-210428	USMPDI-053SC-B-10-12-210428	USMPDI-053SC-B-12-13.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Benzo(e)pyrene	SW8270ESIM			3900	--	--
Benzo(g,h,i)perylene	SW8270DMSIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			--	--	--
Benzo(g,h,i)perylene	SW8270ESIM			4320	--	--
Benzo(j)fluoranthene	SW8270ESIM			2430	--	--
Benzo(j,k)fluoranthene	SW8270DMSIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			--	--	--
Benzo(k)fluoranthene	SW8270ESIM			2400	--	--
Benzonaphthothiophene	SW8270DMSIM			--	--	--
Benzo thiophene	SW8270DMSIM			--	--	--
Benzo thiophene	SW8270ESIM			40.1 J	--	--
Carbazole	SW8270DMSIM			--	--	--
Carbazole	SW8270ESIM			588	--	--
Chrysene	SW8270DMSIM			--	--	--
Chrysene	SW8270E			--	--	--
Chrysene	SW8270ESIM			6660	--	--
Decalin, cis-	SW8270ESIM			25 UJ	--	--
Decalin, cis- & trans-	SW8270DMSIM			--	--	--
Decalin, trans-	SW8270ESIM			23.9 J	--	--
Dibenzo(a,h)anthracene	SW8270E			--	--	--
Dibenzo(a,h)anthracene	SW8270ESIM			855	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270DMSIM			--	--	--
Dibenzofuran	SW8270ESIM			1010	--	--
Dibenzothiophene	SW8270DMSIM			--	--	--
Dibenzothiophene	SW8270ESIM			1620	--	--
Fluoranthene	SW8270DMSIM			--	--	--
Fluoranthene	SW8270E			--	--	--
Fluoranthene	SW8270ESIM			18400	--	--
Fluorene	SW8270DMSIM			--	--	--
Fluorene	SW8270E			--	--	--
Fluorene	SW8270ESIM			2320	--	--
Indeno(1,2,3-c,d)pyrene	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-08-10-210428	USMPDI-053SC-B-10-12-210428	USMPDI-053SC-B-12-13.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Indeno(1,2,3-c,d)pyrene	SW8270E			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			3320	--	--
Naphthalene	SW8270DMSIM		140000	--	--	--
Naphthalene	SW8270E		140000	--	--	--
Naphthalene	SW8270ESIM		140000	548 J	--	--
Perylene	SW8270DMSIM			--	--	--
Perylene	SW8270ESIM			1780	--	--
Phenanthrene	SW8270DMSIM			--	--	--
Phenanthrene	SW8270E			--	--	--
Phenanthrene	SW8270ESIM			16800	--	--
Pyrene	SW8270DMSIM			--	--	--
Pyrene	SW8270E			--	--	--
Pyrene	SW8270ESIM			18800	--	--
Retene	SW8270DMSIM			--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				8700 T	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	7700 T	--	--
PH-ROD Total HPAH (U = 1/2 max limit)				72000 T	--	--
PH-ROD Total LPAH (U = 1/2 max limit)				25500 JT	--	--
PH-ROD Total PAH (U = 1/2 max limit)		30000		97000 JT	--	--
3-Methylphenanthrene	SW8270DMSIM			--	--	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			3380	--	--
C1-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			86.6	--	--
C1-Chrysenes	SW8270DMSIM			--	--	--
C1-Decalins	SW8270DMSIM			--	--	--
C1-Decalins	SW8270ESIM			96.4	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			698	--	--
C1-Dibenzothiophenes	SW8270DMSIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			1230	--	--
C1-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			6000	--	--
C1-Fluorenes	SW8270DMSIM			--	--	--
C1-Fluorenes	SW8270ESIM			1260	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-08-10-210428	USMPDI-053SC-B-10-12-210428	USMPDI-053SC-B-12-13.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C1-Naphthalenes	SW8270DMSIM			--	--	--
C1-Naphthalenes	SW8270ESIM			686	--	--
C1-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			450	--	--
C1-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			6050	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			1510	--	--
C2-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			175	--	--
C2-Chrysenes	SW8270DMSIM			--	--	--
C2-Decalins	SW8270DMSIM			--	--	--
C2-Decalins	SW8270ESIM			331	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			144	--	--
C2-Dibenzothiophenes	SW8270DMSIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			1100	--	--
C2-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			2040	--	--
C2-Fluorenes	SW8270DMSIM			--	--	--
C2-Fluorenes	SW8270ESIM			1010	--	--
C2-Naphthalenes	SW8270DMSIM			--	--	--
C2-Naphthalenes	SW8270ESIM			1510	--	--
C2-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			260	--	--
C2-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			3470	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			630	--	--
C3-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			236	--	--
C3-Chrysenes	SW8270DMSIM			--	--	--
C3-Decalins	SW8270DMSIM			--	--	--
C3-Decalins	SW8270ESIM			289	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			73	--	--
C3-Dibenzothiophenes	SW8270DMSIM			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-08-10-210428	USMPDI-053SC-B-10-12-210428	USMPDI-053SC-B-12-13.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
C3-Dibenzothiophenes	SW8270ESIM			765	--	--
C3-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			838	--	--
C3-Fluorenes	SW8270DMSIM			--	--	--
C3-Fluorenes	SW8270ESIM			854	--	--
C3-Naphthalenes	SW8270DMSIM			--	--	--
C3-Naphthalenes	SW8270ESIM			1630	--	--
C3-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C3-Naphthobenzothiophenes	SW8270ESIM			156	--	--
C3-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			1530	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			259	--	--
C4-Benzo(b)thiophene	SW8270DMSIM			--	--	--
C4-Chrysenes	SW8270DMSIM			--	--	--
C4-Decalins	SW8270DMSIM			--	--	--
C4-Decalins	SW8270ESIM			25.4	--	--
C4-Dibenzothiophenes	SW8270DMSIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			25 U	--	--
C4-Fluoranthenes/Pyrenes	SW8270DMSIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			436	--	--
C4-Naphthalenes	SW8270DMSIM			--	--	--
C4-Naphthalenes	SW8270ESIM			898	--	--
C4-Naphthobenzothiophenes	SW8270DMSIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			46.5	--	--
C4-Phenanthrenes/Anthracenes	SW8270DMSIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			353	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			18.7 UJ	--	--
2,4'-DDE (o,p'-DDE)	SW8081B			39.9 UJ	--	--
2,4'-DDT (o,p'-DDT)	SW8081B			17.8 UJ	--	--
4,4'-DDD (p,p'-DDD)	SW8081B			50.9 U	--	--
4,4'-DDE (p,p'-DDE)	SW8081B			26.3 U	--	--
4,4'-DDT (p,p'-DDT)	SW8081B			17.0 UJ	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-08-10-210428	USMPDI-053SC-B-10-12-210428	USMPDI-053SC-B-12-13.1-210428
				4/28/2021	4/28/2021	4/28/2021
				8 - 10 ft	10 - 12 ft	12 - 13.1 ft
				N	N	N
				7623087.082	7623087.082	7623087.082
				706162.7031	706162.7031	706162.7031
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				39.9 UJT	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				50.9 UJT	--	--
PH-ROD Sum DDD (U = 1/2 max limit)				50.9 UJT	--	--
PH-ROD Sum DDE (U = 1/2 max limit)				39.9 UJT	--	--
PH-ROD Sum DDT (U = 1/2 max limit)				17.8 UJT	--	--
PH-ROD Total DDx (U = 1/2 max limit)		160	7050	50.9 UJT	--	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			89 U	88 U	83 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			89 U	88 U	83 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0006	0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0008	0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.2	0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--

Table 4-3a
Data Summary: Subsurface Sediment

	Location ID			USMPDI-053SC-B	USMPDI-053SC-B	USMPDI-053SC-B
	Analytical Method	Site-Wide RAL	PTW Threshold	USMPDI-053SC-B-08-10-210428	USMPDI-053SC-B-10-12-210428	USMPDI-053SC-B-12-13.1-210428
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				Easting	Easting	Easting
				Northing	Northing	Northing
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			6.70 U	--	--
Aroclor 1221	SW8082A			6.70 U	--	--
Aroclor 1232	SW8082A			6.70 U	--	--
Aroclor 1242	SW8082A			44.7 J	--	--
Aroclor 1248	SW8082A			6.70 U	--	--
Aroclor 1254	SW8082A			30.8 J	--	--
Aroclor 1260	SW8082A			16.8 J	--	--
Aroclor 1262	SW8082A			6.70 U	--	--
Aroclor 1268	SW8082A			6.70 U	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		75	200	112 JT	--	--
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			749	--	--
Motor oil range hydrocarbons	NWTPHDx			850	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			3.67 UJ	7.81 J	8.76 J

Table 4-3a
Data Summary: Subsurface Sediment

Notes:

- Detected concentration is greater than the site-wide RAL
- Detected concentration is greater than the PTW threshold

Bold: Detected result

µg/kg: microgram per kilogram

J: Estimated value

JT: Estimated value (calculated result)

N: Presumptive Evidence

PCB: polychlorinated biphenyl

PH: Portland Harbor

PTW: principal threat waste

R: Rejected

RAL: remedial action level

T: Calculated or averaged result

U: Compound analyzed for, but not detected above detection limit

UT: Compound analyzed for, but not detected above detection limit (calculated result)

UJ: Compound analyzed for, but not detected above estimated detection limit

UJT: Compound analyzed for, but not detected above estimated detection limit (calculated result)

Table 4-3b
Statistical Summary: Subsurface Sediment Site-Wide RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Site-Wide RAL	PTW Threshold Exceedance Count	Site-Wide RAL Exceedance Count
Conventional Parameters (unitless)											
Plastic limit	41	41	100%	51	24	38.9	39	--	--	--	--
Plasticity index	41	41	100%	58	5	24.6	24	--	--	--	--
Specific gravity	52	52	100%	2.75	2.58	2.66	2.67	--	--	--	--
Liquid limit	41	41	100%	107	31	63.5	66	--	--	--	--
Conventional Parameters (mg/kg)											
Cyanide	331	280	85%	8490	0.0657	107	6.8	--	--	--	--
Conventional Parameters (pct)											
Moisture (water) content	52	52	100%	106.3	14.2	62.3	68.1	--	--	--	--
Total organic carbon	410	409	100%	21	0.026	1.7	1.9	--	--	--	--
Total Solids	549	549	100%	90.5	40.4	64.1	60.1	--	--	--	--
Grain Size (pct)											
Gravel	52	5	10%	12.1	0.1	5	0.9	--	--	--	--
Sand	52	52	100%	90.7	1.8	31.6	21.5	--	--	--	--
Total fines (Reported, not calculated)	52	52	100%	98.2	9.3	67.9	78.6	--	--	--	--
Percent passing 0.75 inch (3/4 inch sieve)	1	1	100%	100	100	100	100	--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	2	2	100%	100	88	94	94	--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	4	4	100%	100	88	94.3	94.5	--	--	--	--
Percent passing 4750 micron sieve (#4)	52	52	100%	100	88	99.5	100	--	--	--	--
Percent passing 2000 micron sieve (#10)	52	52	100%	100	87	99.2	100	--	--	--	--
Percent passing 110 micron sieve (#140)	52	52	100%	99	10	71	85.5	--	--	--	--
Percent passing 850 micron sieve (#20)	52	52	100%	100	85	98.9	100	--	--	--	--
Percent passing 425 micron sieve (#40)	52	52	100%	100	80	97.6	99	--	--	--	--
Percent passing 250 micron sieve (#60)	52	52	100%	100	35	84	96	--	--	--	--
Percent passing 150 micron sieve (#100)	52	52	100%	100	12	74.1	90.5	--	--	--	--
Percent passing 75 micron sieve (#200)	52	52	100%	98	9.3	68	78.5	--	--	--	--
Metals (mg/kg)											
Arsenic	344	344	100%	16.7	2.33	4.57	4.62	--	--	--	--
Cadmium	344	270	78%	1.08	0.061	0.263	0.252	--	--	--	--
Chromium	344	344	100%	100	12.3	26.7	27.9	--	--	--	--
Copper	344	344	100%	348	14.7	39.1	40.5	--	--	--	--
Lead	344	344	100%	1050	2.28	27.1	16	--	--	--	--
Manganese	344	344	100%	3930	123	574	583	--	--	--	--
Vanadium	344	344	100%	134	46.6	87	88.4	--	--	--	--
Zinc	344	344	100%	326	39.4	104	98.4	--	--	--	--
Organometals (µg/kg)											
Tributyltin (ion)	19	3	16%	75	23.2	41	24.9	--	--	--	--
Volatile Organics (µg/kg)											
1,1-Dichloroethene	347	0	0%	--	--	--	--	--	--	--	--
1,2-Dichloroethene, cis-	347	0	0%	--	--	--	--	--	--	--	--

Table 4-3b
Statistical Summary: Subsurface Sediment Site-Wide RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Site-Wide RAL	PTW Threshold Exceedance Count	Site-Wide RAL Exceedance Count
Benzene	347	15	4%	170	9.58	46.8	18.4	--	--	--	--
Chlorobenzene	347	0	0%	--	--	--	--	320	--	--	--
Ethylbenzene	347	11	3%	3680	39.3	761	314	--	--	--	--
m,p-Xylene	347	7	2%	766	48.6	216	91.4	--	--	--	--
o-Xylene	347	13	4%	232	25.6	88.5	62.7	--	--	--	--
Tetrachloroethene (PCE)	347	0	0%	--	--	--	--	--	--	--	--
Toluene	347	22	6%	768	56.8	134	95.3	--	--	--	--
Trichloroethene (TCE)	347	0	0%	--	--	--	--	--	--	--	--
Vinyl chloride	347	0	0%	--	--	--	--	--	--	--	--
Semivolatile Organics (µg/kg)											
1-Methylpyrene	12	11	92%	1510	13.8	279	97.8	--	--	--	--
2-Methylpyrene	12	11	92%	1550	17.5	294	114	--	--	--	--
4-Methylpyrene	12	12	100%	1380	0.566	240	96.1	--	--	--	--
Benzo(b)fluorene	12	12	100%	2440	0.613	482	271	--	--	--	--
Benzo(b)naphtho(2,1-d)thiophene	152	132	87%	5010	3.2	669	278	--	--	--	--
Biphenyl (1,1'-Biphenyl)	172	155	90%	3350	0.5	163	54.9	--	--	--	--
Pentachlorophenol	344	3	1%	148	15.4	82	82.5	--	--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)											
1-Methyldibenzothiophene	12	11	92%	249	2.23	44.8	22.5	--	--	--	--
1-Methylnaphthalene	172	154	90%	20100	0.498	979	77.4	--	--	--	--
1-Methylphenanthrene	172	163	95%	6880	0.529	921	278	--	--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	172	159	92%	4430	0.4	400	74	--	--	--	--
2,6-Dimethylnaphthalene	172	155	90%	8220	0.4	674	80.8	--	--	--	--
2-Methylantracene	12	11	92%	1100	7.62	188	79.3	--	--	--	--
2-Methyldibenzothiophene & 3-Methyldibenzothiophene	12	11	92%	929	7.86	163	76.4	--	--	--	--
2-Methylnaphthalene	456	321	70%	32200	0.5	961	115	--	--	--	--
2-Methylphenanthrene	12	11	92%	3420	17.9	609	272	--	--	--	--
4-Methyldibenzothiophene	12	11	92%	803	8.69	142	67.8	--	--	--	--
4-Methylphenanthrene & 9-Methylphenanthrene	12	11	92%	2380	14.8	434	194	--	--	--	--
Acenaphthene	456	393	86%	39300	0.467	1950	379	--	--	--	--
Acenaphthylene	456	331	73%	3050	0.3	208	86.1	--	--	--	--
Anthracene	456	379	83%	68100	0.1	2090	377	--	--	--	--
Benzo(a)anthracene	456	393	86%	54900	1.17	2730	947	--	--	--	--
Benzo(a)fluoranthene	12	12	100%	3140	1.22	607	329	--	--	--	--
Benzo(a)pyrene	456	402	88%	78800	0.7	3470	1110	--	--	--	--
Benzo(b)fluoranthene	456	398	87%	59400	0.7	2340	794	--	--	--	--
Benzo(c)fluorene	12	12	100%	1160	0.426	202	95.3	--	--	--	--
Benzo(e)pyrene	172	169	98%	18900	0.5	2210	996	--	--	--	--
Benzo(g,h,i)perylene	456	399	88%	59700	0.5	2710	913	--	--	--	--
Benzo(j)fluoranthene	233	225	97%	19800	0.6	1230	470	--	--	--	--

Table 4-3b
Statistical Summary: Subsurface Sediment Site-Wide RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Site-Wide RAL	PTW Threshold Exceedance Count	Site-Wide RAL Exceedance Count
Benzo(j,k)fluoranthene	223	158	71%	23700	1.17	1090	282	--	--	--	--
Benzo(k)fluoranthene	233	224	96%	25300	1.1	1260	481	--	--	--	--
Benzonaphthothiophene	20	17	85%	4340	6.2	570	251	--	--	--	--
Benzothiophene	172	147	85%	991	0.3	76.4	22.6	--	--	--	--
Carbazole	172	139	81%	3050	0.7	222	80	--	--	--	--
Chrysene	456	405	89%	63100	0.6	3170	1110	--	--	--	--
Decalin, cis-	152	1	1%	6.1	6.1	6.1	6.1	--	--	--	--
Decalin, cis- & trans-	20	16	80%	130	0.161	31.1	14.3	--	--	--	--
Decalin, trans-	152	61	40%	308	2	47.7	26.6	--	--	--	--
Dibenzo(a,h)anthracene	436	312	72%	7340	0.6	328	145	--	--	--	--
Dibenzo(a,h)anthracene and Dibenzo(a,c)anthracene	20	18	90%	2670	0.39	388	180	--	--	--	--
Dibenzofuran	172	159	92%	2890	0.3	301	102	--	--	--	--
Dibenzothiophene	172	162	94%	13700	0.8	1200	294	--	--	--	--
Fluoranthene	456	414	91%	198000	1.4	8510	2410	--	--	--	--
Fluorene	456	367	80%	22400	0.715	1540	377	--	--	--	--
Indeno(1,2,3-c,d)pyrene	456	398	87%	47100	0.5	1970	687	--	--	--	--
Naphthalene	456	345	76%	28800	0.959	981	243	140000	--	--	--
Perylene	172	172	100%	6170	1.4	942	464	--	--	--	--
Phenanthrene	456	414	91%	289000	1.12	10400	1850	--	--	--	--
Pyrene	456	413	91%	263000	1.68	9880	2580	--	--	--	--
Retene	12	12	100%	3040	8.08	474	76.3	--	--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)	456	401	88%	86500	2.33	4160	1460	--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)	456	409	90%	115000	2.6	4490	1410	774000	--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)	456	418	92%	867000	13	36000	10900	--	--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)	456	441	97%	4.68E+05	6.8	16800	2860	--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)	456	442	97%	1.33E+06	20	50900	13700	--	30000	--	145
3-Methylphenanthrene	12	11	92%	2730	19.2	495	230	--	--	--	--
C1-Benzanthracenes/Chrysenes	152	141	93%	12400	0.5	1950	952	--	--	--	--
C1-Benzo(b)thiophene	172	155	90%	4130	0.4	168	30.9	--	--	--	--
C1-Chrysenes	20	18	90%	4010	1.17	580	269	--	--	--	--
C1-Decalins	172	140	81%	3080	0.868	315	151	--	--	--	--
C1-Dibenz(a,h)anthracenes	152	140	92%	2050	1.2	382	210	--	--	--	--
C1-Dibenzothiophenes	172	161	94%	10000	0.4	1010	257	--	--	--	--
C1-Fluoranthenes/Pyrenes	172	165	96%	35000	1.2	3630	1410	--	--	--	--
C1-Fluorenes	172	164	95%	11100	0.525	1070	249	--	--	--	--
C1-Naphthalenes	172	166	97%	40700	0.6	1450	143	--	--	--	--
C1-Naphthobenzothiophenes	172	156	91%	4100	0.631	496	217	--	--	--	--
C1-Phenanthrenes/Anthracenes	172	167	97%	46100	0.969	4580	1210	--	--	--	--
C2-Benzanthracenes/Chrysenes	152	137	90%	7690	1.6	983	467	--	--	--	--
C2-Benzo(b)thiophene	172	150	87%	5360	1.11	425	71.9	--	--	--	--

Table 4-3b

Statistical Summary: Subsurface Sediment Site-Wide RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Site-Wide RAL	PTW Threshold Exceedance Count	Site-Wide RAL Exceedance Count
C2-Chrysenes	20	18	90%	1910	1.32	291	140	--	--	--	--
C2-Decalins	172	152	88%	4760	2.07	575	300	--	--	--	--
C2-Dibenz(a,h)anthracenes	152	120	79%	1140	1.1	164	84.6	--	--	--	--
C2-Dibenzothiophenes	172	161	94%	10500	1.4	942	285	--	--	--	--
C2-Fluoranthenes/Pyrenes	172	161	94%	12200	2.6	1500	599	--	--	--	--
C2-Fluorenes	172	161	94%	12200	0.5	1020	260	--	--	--	--
C2-Naphthalenes	172	168	98%	36200	0.994	2740	334	--	--	--	--
C2-Naphthobenzothiophenes	172	151	88%	2500	1.98	332	157	--	--	--	--
C2-Phenanthrenes/Anthracenes	172	163	95%	26700	1	2910	917	--	--	--	--
C3-Benzanthracenes/Chrysenes	152	133	88%	3690	1	479	254	--	--	--	--
C3-Benzo(b)thiophene	172	119	69%	7400	0.3	650	163	--	--	--	--
C3-Chrysenes	20	16	80%	1060	5.57	207	121	--	--	--	--
C3-Decalins	172	148	86%	3020	2.11	421	233	--	--	--	--
C3-Dibenz(a,h)anthracenes	152	94	62%	428	1.3	71.1	38.7	--	--	--	--
C3-Dibenzothiophenes	172	162	94%	8220	0.7	641	232	--	--	--	--
C3-Fluoranthenes/Pyrenes	172	161	94%	6980	1.4	814	407	--	--	--	--
C3-Fluorenes	172	158	92%	9530	1.4	819	287	--	--	--	--
C3-Naphthalenes	172	163	95%	37200	0.5	2790	478	--	--	--	--
C3-Naphthobenzothiophenes	172	132	77%	3090	1.14	283	110	--	--	--	--
C3-Phenanthrenes/Anthracenes	172	162	94%	13800	1.5	1550	566	--	--	--	--
C4-Benzanthracenes/Chrysenes	152	130	86%	1610	0.5	204	107	--	--	--	--
C4-Benzo(b)thiophene	12	11	92%	731	4.92	123	56.2	--	--	--	--
C4-Chrysenes	20	15	75%	593	9.27	124	68.5	--	--	--	--
C4-Decalins	172	132	77%	4720	2.8	491	154	--	--	--	--
C4-Dibenzothiophenes	172	100	58%	2310	0.6	316	162	--	--	--	--
C4-Fluoranthenes/Pyrenes	172	161	94%	5850	1.71	633	207	--	--	--	--
C4-Naphthalenes	172	160	93%	18300	1.15	1420	273	--	--	--	--
C4-Naphthobenzothiophenes	172	119	69%	600	1.28	63.5	32.7	--	--	--	--
C4-Phenanthrenes/Anthracenes	172	160	93%	5030	0.95	583	221	--	--	--	--
Pesticides (µg/kg)											
2,4'-DDD (o,p'-DDD)	430	70	16%	207	2.4	38.2	27.6	--	--	--	--
2,4'-DDE (o,p'-DDE)	430	27	6%	1460	6.39	87.5	26.6	--	--	--	--
2,4'-DDT (o,p'-DDT)	430	5	1%	42.2	10.1	23.4	21	--	--	--	--
4,4'-DDD (p,p'-DDD)	430	241	56%	623	1.17	52.4	18.8	--	--	--	--
4,4'-DDE (p,p'-DDE)	430	172	40%	67.8	2.02	13.5	8.43	--	--	--	--
4,4'-DDT (p,p'-DDT)	430	66	15%	830	1.8	111	48.4	--	--	--	--
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)	430	79	18%	1810	5.01	80.2	44.4	--	--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)	430	243	57%	920	3.44	96.4	31.7	--	--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)	430	241	56%	830	2.31	66.9	22	--	--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)	430	175	41%	1560	3.91	31.9	12.1	--	--	--	--

Table 4-3b

Statistical Summary: Subsurface Sediment Site-Wide RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Site-Wide RAL	PTW Threshold Exceedance Count	Site-Wide RAL Exceedance Count
PH-ROD Sum DDT (U = 1/2 max limit)	430	68	16%	850	3.52	114	48	--	--	--	--
PH-ROD Total DDx (U = 1/2 max limit)	430	244	57%	2310	6.85	133	45.4	7050	160	--	50
Herbicides (µg/kg)											
2,4,5-TP (Silvex)	343	0	0%	--	--	--	--	--	--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	343	0	0%	--	--	--	--	--	--	--	--
Dioxin Furans (µg/kg)											
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	202	118	58%	0.0065	3.00E-05	0.000545	0.000356	0.01	0.0006	--	39
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	202	116	57%	0.00849	2.17E-05	0.00106	0.00078	0.01	0.0008	--	58
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	202	103	51%	0.00861	4.87E-05	0.00153	0.00102	--	--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	202	143	71%	0.0496	5.09E-05	0.00735	0.00449	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	202	135	67%	0.0191	3.33E-05	0.003	0.00205	--	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	202	195	97%	2.06	0.000181	0.165	0.0418	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	202	195	97%	24.3	1.56E-03	2.22	0.474	--	--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	202	165	82%	0.132	6.21E-05	0.00565	0.00227	--	--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	202	155	77%	0.0767	9.10E-05	0.00963	0.00506	--	--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	202	188	93%	1.07	0.000176	0.0604	0.0148	--	--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	202	194	96%	11.8	4.50E-04	0.437	0.0962	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	202	155	77%	0.18	4.76E-05	0.0167	0.00611	0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	202	155	77%	0.299	3.39E-05	0.0275	0.00892	--	--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	202	158	78%	0.152	3.04E-05	0.0148	0.00613	0.2	0.2	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	202	167	83%	0.484	3.25E-05	0.047	0.0122	0.4	--	3	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	202	152	75%	0.176	2.57E-05	0.0148	0.00482	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	202	122	60%	0.0253	2.28E-05	0.00288	0.00118	--	--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	202	139	69%	0.0371	2.67E-05	0.00526	0.00229	--	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	202	171	85%	0.89	3.89E-05	0.0586	0.0152	--	--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	202	133	66%	0.0886	6.12E-05	0.0112	0.00414	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	202	158	78%	1.28	6.82E-05	0.122	0.0442	--	--	--	--
Total Tetrachlorodibenzofuran (TCDF)	202	174	86%	0.675	4.80E-05	0.0544	0.0185	--	--	--	--
Total Pentachlorodibenzofuran (PeCDF)	202	169	84%	0.842	1.51E-05	0.0882	0.0306	--	--	--	--
Total Hexachlorodibenzofuran (HxCDF)	202	183	91%	1.19	2.70E-05	0.115	0.0337	--	--	--	--
Total Heptachlorodibenzofuran (HpCDF)	202	171	85%	1.69	3.89E-05	0.16	0.0443	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)	202	200	99%	0.44	4.63E-05	0.0347	0.00666	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)	202	200	99%	0.18	3.66E-05	0.0157	0.00308	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)	202	200	99%	0.17	3.74E-05	0.0157	0.00337	--	--	--	--
PCB Aroclors (µg/kg)											
Aroclor 1016	430	0	0%	--	--	--	--	--	--	--	--
Aroclor 1221	430	0	0%	--	--	--	--	--	--	--	--
Aroclor 1232	430	0	0%	--	--	--	--	--	--	--	--
Aroclor 1242	430	148	34%	72.6	2.43	14.7	10.4	--	--	--	--
Aroclor 1248	430	0	0%	--	--	--	--	--	--	--	--

Table 4-3b
Statistical Summary: Subsurface Sediment Site-Wide RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Site-Wide RAL	PTW Threshold Exceedance Count	Site-Wide RAL Exceedance Count
Aroclor 1254	430	192	45%	129	2.83	22.9	17.5	--	--	--	--
Aroclor 1260	430	230	53%	175	2.73	19.2	14.1	--	--	--	--
Aroclor 1262	430	2	<1%	98.3	94.2	96.3	96.3	--	--	--	--
Aroclor 1268	430	1	<1%	8.15	8.15	8.15	8.15	--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)	430	251	58%	241	21.1	72.8	57.4	200	75	5	90
Total Petroleum Hydrocarbons (mg/kg)											
Diesel range hydrocarbons	151	123	81%	3080	15.3	528	306	--	--	--	--
Motor oil range hydrocarbons	151	130	86%	2450	69.1	598	444	--	--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)											
C10-C12 Aliphatics unadjusted	344	53	15%	19.6	2.99	7.53	6.37	--	--	--	--

Notes:
 µg/kg: microgram per kilogram
 CUL: cleanup level
 EPA: U.S. Environmental Protection Agency
 mg/kg: milligram per kilogram
 PCB: polychlorinated biphenyl
 PH: Portland Harbor
 PTW: principal threat waste
 RAL: remedial action level
 ROD: Record of Decision – Portland Harbor Superfund Site, Portland, Oregon

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-A	USMPDI-046SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-01-02-201029	USMPDI-046SC-A-02-03-201029	USMPDI-046SC-A-03-04-201029
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				X		
				Y		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.06	1.3	1.2
Total Solids	SM2540G			88.4	63.8	62
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	USMPDI-046SC-A	USMPDI-046SC-A	USMPDI-046SC-A
						USMPDI-046SC-A-01-02-201029	USMPDI-046SC-A-02-03-201029	USMPDI-046SC-A-03-04-201029
			10/29/2020	1 - 2 ft	N			
					X	7623069.343	7623069.343	7623069.343
					Y	706437.017	706437.017	706437.017
Analytical Method	Navigation Channel RAL	PTW Threshold						
Volatile Organics (µg/kg)								
1,1-Dichloroethene	SW8260D					--	--	--
1,2-Dichloroethene, cis-	SW8260D					--	--	--
Benzene	SW8260D					--	--	--
Chlorobenzene	SW8260D		320			--	--	--
Ethylbenzene	SW8260D					--	--	--
m,p-Xylene	SW8260D					--	--	--
o-Xylene	SW8260D					--	--	--
Tetrachloroethene (PCE)	SW8260D					--	--	--
Toluene	SW8260D					--	--	--
Trichloroethene (TCE)	SW8260D					--	--	--
Vinyl chloride	SW8260D					--	--	--
PH-ROD Total BTEX (U = 1/2 max limit)						--	--	--
PH-ROD Total Xylene (U = 1/2 max limit)						--	--	--
Semivolatile Organics (µg/kg)								
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM					18.4	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM					1.2 J	--	--
Pentachlorophenol	SW8270E					--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)								
1-Methylnaphthalene	SW8270ESIM					1.6 J	--	--
1-Methylphenanthrene	SW8270ESIM					17.1	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM					3.2 J	--	--
2,6-Dimethylnaphthalene	SW8270ESIM					2.9 J	--	--
2-Methylnaphthalene	SW8270E					--	22.5	15.3 U
2-Methylnaphthalene	SW8270ESIM					2.4 J	--	--
Acenaphthene	SW8270E					--	843	15.8
Acenaphthene	SW8270ESIM					20.9	--	--
Acenaphthylene	SW8270E					--	29.1 U	15.3 U
Acenaphthylene	SW8270ESIM					7.9	--	--
Anthracene	SW8270E					--	27.9	15.3 U
Anthracene	SW8270ESIM					9.9	--	--
Benzo(a)anthracene	SW8270E					--	14.6 U	15.3 U
Benzo(a)anthracene	SW8270ESIM					83.3	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-A	USMPDI-046SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-01-02-201029	USMPDI-046SC-A-02-03-201029	USMPDI-046SC-A-03-04-201029
				10/29/2020	10/29/2020	10/29/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				X	X	X
				7623069.343	7623069.343	7623069.343
				706437.017	706437.017	706437.017
Benzo(a)pyrene	SW8270E			--	14.6 U	15.3 U
Benzo(a)pyrene	SW8270ESIM			96.5	--	--
Benzo(b)fluoranthene	SW8270E			--	14.6 U	15.3 U
Benzo(b)fluoranthene	SW8270ESIM			61.7	--	--
Benzo(e)pyrene	SW8270ESIM			68.3	--	--
Benzo(g,h,i)perylene	SW8270E			--	14.6 U	15.3 U
Benzo(g,h,i)perylene	SW8270ESIM			67.0 J	--	--
Benzo(j)fluoranthene	SW8270ESIM			42.6	--	--
Benzo(j,k)fluoranthene	SW8270E			--	14.6 U	15.3 U
Benzo(k)fluoranthene	SW8270ESIM			41.9	--	--
Benzothiophene	SW8270ESIM			5.0 U	--	--
Carbazole	SW8270ESIM			3.2 J	--	--
Chrysene	SW8270E			--	14.6 U	15.3 U
Chrysene	SW8270ESIM			111	--	--
Decalin, cis-	SW8270ESIM			5.0 U	--	--
Decalin, trans-	SW8270ESIM			5.0 UJ	--	--
Dibenzo(a,h)anthracene	SW8270E			--	14.6 U	15.3 U
Dibenzo(a,h)anthracene	SW8270ESIM			10.1 J	--	--
Dibenzofuran	SW8270ESIM			0.7 J	--	--
Dibenzothiophene	SW8270ESIM			8.9	--	--
Fluoranthene	SW8270E			--	147	15.3 U
Fluoranthene	SW8270ESIM			211	--	--
Fluorene	SW8270E			--	251	15.3 U
Fluorene	SW8270ESIM			9.4	--	--
Indeno(1,2,3-c,d)pyrene	SW8270E			--	14.6 U	15.3 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			56.4 J	--	--
Naphthalene	SW8270E		140000	--	206	72.2
Naphthalene	SW8270ESIM		140000	5.7	--	--
Perylene	SW8270ESIM			37.5	--	--
Phenanthrene	SW8270E			--	845	15.3 U
Phenanthrene	SW8270ESIM			161	--	--
Pyrene	SW8270E			--	128	15.3 U
Pyrene	SW8270ESIM			258	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-A	USMPDI-046SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-01-02-201029	USMPDI-046SC-A-02-03-201029	USMPDI-046SC-A-03-04-201029
				10/29/2020	10/29/2020	10/29/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				X	X	X
				7623069.343	7623069.343	7623069.343
				Y	Y	Y
				706437.017	706437.017	706437.017
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				146 T	14.6 UT	15.3 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	127 JT	14.6 UT	15.3 UT
PH-ROD Total HPAH (U = 1/2 max limit)				1040 JT	333 T	15.3 UT
PH-ROD Total LPAH (U = 1/2 max limit)				220 JT	2210 T	126 T
PH-ROD Total PAH (U = 1/2 max limit)		170000		1300 JT	2540 T	203 T
C1-Benzanthracenes/Chrysenes	SW8270ESIM			55.6	--	--
C1-Benzo(b)thiophene	SW8270ESIM			1.1 J	--	--
C1-Decalins	SW8270ESIM			5.0 U	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			10.2	--	--
C1-Dibenzothiophenes	SW8270ESIM			13.9	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			83.8	--	--
C1-Fluorenes	SW8270ESIM			10.7	--	--
C1-Naphthalenes	SW8270ESIM			3.0 J	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			9.1	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			73.4	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			21.5	--	--
C2-Benzo(b)thiophene	SW8270ESIM			5.0 U	--	--
C2-Decalins	SW8270ESIM			5.0 U	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			3.8 J	--	--
C2-Dibenzothiophenes	SW8270ESIM			17.9	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			31.9	--	--
C2-Fluorenes	SW8270ESIM			16.5	--	--
C2-Naphthalenes	SW8270ESIM			10.2	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			7.5	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			52.9	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			10	--	--
C3-Benzo(b)thiophene	SW8270ESIM			0.7 J	--	--
C3-Decalins	SW8270ESIM			4.6 J	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			2.3 J	--	--
C3-Dibenzothiophenes	SW8270ESIM			13.4	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			16.2	--	--
C3-Fluorenes	SW8270ESIM			16.2	--	--
C3-Naphthalenes	SW8270ESIM			27.5	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-A	USMPDI-046SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-01-02-201029	USMPDI-046SC-A-02-03-201029	USMPDI-046SC-A-03-04-201029
				10/29/2020	10/29/2020	10/29/2020
				1 - 2 ft	2 - 3 ft	3 - 4 ft
				N	N	N
				X	X	X
				7623069.343	7623069.343	7623069.343
				Y	Y	Y
				706437.017	706437.017	706437.017
C3-Naphthobenzothiophenes	SW8270ESIM			4.3 J	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			27.9	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			3.1 J	--	--
C4-Decalins	SW8270ESIM			12.1	--	--
C4-Dibenzothiophenes	SW8270ESIM			5.5	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			26.7	--	--
C4-Naphthalenes	SW8270ESIM			17.4	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			5.0 U	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			8.6	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.23 U	3.04 U	3.11 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.23 U	3.04 U	3.11 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.23 U	3.04 U	3.11 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.23 U	3.04 U	3.11 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.23 U	3.04 U	3.11 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.23 U	3.04 U	3.11 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.23 UT	3.04 UT	3.11 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.23 UT	3.04 UT	3.11 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.23 UT	3.04 UT	3.11 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.23 UT	3.04 UT	3.11 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.23 UT	3.04 UT	3.11 UT
PH-ROD Total DDx (U = 1/2 max limit)			7050	2.23 UT	3.04 UT	3.11 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B		0.01	0.0000814 U	0.0000764 U	0.000102 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B		0.01	0.000284 U	0.000140 U	0.000292 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000161 U	0.000140 U	0.000169 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000166 U	0.000154 U	0.000163 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000171 U	0.000164 U	0.000180 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00254	0.00227 J	0.00234 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0281	0.027	0.0281

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-A	USMPDI-046SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-01-02-201029	USMPDI-046SC-A-02-03-201029	USMPDI-046SC-A-03-04-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				X	X	X
				Y	Y	Y
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.0000814 U	0.00103 J	0.00326
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000284 U	0.000838 J	0.00152
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00126	0.00271	0.00485
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00589	0.00689	0.00816
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.000163 J	0.0000392 U	0.0000477 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.000330 J	0.0000523 U	0.0000465 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B		0.2	0.000121 J	0.0000498 U	0.0000391 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.000414 J	0.0000530 U	0.0000347 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000102 J	0.0000522 U	0.0000345 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000110 U	0.0000863 U	0.0000609 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000692 U	0.0000575 U	0.0000385 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.000447 J	0.000126 J	0.0000530 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000744 U	0.0000953 U	0.0000579 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.00108 J	0.000245 U	0.000150 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.000298	0.000237	0.000264
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.000628	0.0000523 U	0.0000465 U
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000879 J	0.0000863 U	0.0000609 U
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.00107	0.000126	0.0000579 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000584 JT	0.000187 JT	0.000271 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000381 JT	0.000179 JT	0.000267 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000370 JT	0.000186 JT	0.000272 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0339 JT	0.0301 JT	0.0312 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.37 U	6.12 U	6.20 U
Aroclor 1221	SW8082A			4.37 U	6.12 U	6.20 U
Aroclor 1232	SW8082A			4.37 U	6.12 U	6.20 U
Aroclor 1242	SW8082A			4.37 U	6.12 U	6.20 U
Aroclor 1248	SW8082A			4.37 U	6.12 U	6.20 U
Aroclor 1254	SW8082A			4.37 U	6.12 U	6.20 U
Aroclor 1260	SW8082A			4.37 U	6.12 U	6.20 U
Aroclor 1262	SW8082A			4.37 U	6.12 U	6.20 U
Aroclor 1268	SW8082A			4.37 U	6.12 U	6.20 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)			200	4.37 UT	6.12 UT	6.20 UT

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-A	USMPDI-046SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-01-02-201029	USMPDI-046SC-A-02-03-201029	USMPDI-046SC-A-03-04-201029
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				X	7623069.343	7623069.343
				Y	706437.017	706437.017
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			56.8 U	--	--
Motor oil range hydrocarbons	NWTPHDx			114 U	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-04-05-201029	USMPDI-046SC-B-11.8-13.8-201029	USMPDI-046SC-B-13.8-15.8-201029
				Sample ID	10/29/2020	10/29/2020
				Sample Date	4 - 5 ft	11.8 - 13.8 ft
				Depth	N	N
				Sample Type	7623069.343	7623069.343
				X	706437.017	706437.017
				Y		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	0.106 UJ	0.118 UJ
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.055	0.025	0.028
Total Solids	SM2540G			86.1	90.8	83.7
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	2.73	2.84
Cadmium	SW6020B			--	0.112 U	0.122 U
Chromium	SW6020B			--	11.9	11.2
Copper	SW6020B			--	13.5	14.2
Lead	SW6020B			--	2.21 J	2.40 J
Manganese	SW6020B			--	264	270
Vanadium	SW6020B			--	53	53.7
Zinc	SW6020B			--	39	39.7

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-04-05-201029	USMPDI-046SC-B-11.8-13.8-201029	USMPDI-046SC-B-13.8-15.8-201029
				10/29/2020	10/29/2020	10/29/2020
				4 - 5 ft	11.8 - 13.8 ft	13.8 - 15.8 ft
				N	N	N
				X 7623069.343	X 7623069.343	X 7623069.343
				Y 706437.017	Y 706437.017	Y 706437.017
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			--	30.9 U	36.5 U
1,2-Dichloroethene, cis-	SW8260D			--	30.9 U	36.5 U
Benzene	SW8260D			--	12.4 U	14.6 U
Chlorobenzene	SW8260D		320	--	30.9 U	36.5 U
Ethylbenzene	SW8260D			--	30.9 U	36.5 U
m,p-Xylene	SW8260D			--	61.8 U	73.1 U
o-Xylene	SW8260D			--	30.9 U	36.5 U
Tetrachloroethene (PCE)	SW8260D			--	30.9 U	36.5 U
Toluene	SW8260D			--	61.8 U	73.1 U
Trichloroethene (TCE)	SW8260D			--	30.9 U	36.5 U
Vinyl chloride	SW8260D			--	30.9 U	36.5 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	61.8 UT	73.1 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	61.8 UT	73.1 UT
Semivolatile Organics (µg/kg)						
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			--	26.4 U	29.5 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylnaphthalene	SW8270E			5.82 J	2.64 U	2.95 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
Acenaphthene	SW8270E			45.4	9.08	36.2
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270E			9.38 J	2.64 U	2.95 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270E			17.2	2.64 U	2.95 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270E			40.6	2.64 U	2.95 U
Benzo(a)anthracene	SW8270ESIM			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-04-05-201029	USMPDI-046SC-B-11.8-13.8-201029	USMPDI-046SC-B-13.8-15.8-201029
				10/29/2020	10/29/2020	10/29/2020
				4 - 5 ft	11.8 - 13.8 ft	13.8 - 15.8 ft
				N	N	N
				X 7623069.343	X 7623069.343	X 7623069.343
				Y 706437.017	Y 706437.017	Y 706437.017
Benzo(a)pyrene	SW8270E			51.9	2.64 U	2.95 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270E			42.9	2.64 U	2.95 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			34.1	2.64 U	2.95 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			13.9 J	2.64 U	2.95 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270E			49.6	2.64 U	2.95 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			11.3 U	2.64 U	2.95 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270E			154	2.64 U	2.95 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270E			26.9	2.01 J	9.33
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270E			27.8	2.64 U	2.95 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270E		140000	14.4	2.64 U	2.95 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270E			184	2.64 U	2.95 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270E			174	2.64 U	2.95 U
Pyrene	SW8270ESIM			--	--	--

Table 4-4a

Data Summary: Navigation Channel Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	USMPDI-046SC-A			USMPDI-046SC-B					
						USMPDI-046SC-A-04-05-201029			USMPDI-046SC-B-11.8-13.8-201029			USMPDI-046SC-B-13.8-15.8-201029		
						10/29/2020			10/29/2020			10/29/2020		
						4 - 5 ft			11.8 - 13.8 ft			13.8 - 15.8 ft		
Analytical Method	Navigation Channel RAL	PTW Threshold	N			N			N					
			X	Y	7623069.343	7623069.343	7623069.343	7623069.343	7623069.343	7623069.343	7623069.343			
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)							56.8 JT	2.64 UT			2.95 UT			
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774000					68.9 JT	2.64 UT			2.95 UT			
PH-ROD Total HPAH (U = 1/2 max limit)							594 JT	2.64 UT			2.95 UT			
PH-ROD Total LPAH (U = 1/2 max limit)							303 JT	17.7 JT			52.9 T			
PH-ROD Total PAH (U = 1/2 max limit)		170000					898 JT	30.9 JT			67.7 T			
C1-Benzanthracenes/Chrysenes	SW8270ESIM						--	--			--			
C1-Benzo(b)thiophene	SW8270ESIM						--	--			--			
C1-Decalins	SW8270ESIM						--	--			--			
C1-Dibenz(a,h)anthracenes	SW8270ESIM						--	--			--			
C1-Dibenzothiophenes	SW8270ESIM						--	--			--			
C1-Fluoranthenes/Pyrenes	SW8270ESIM						--	--			--			
C1-Fluorenes	SW8270ESIM						--	--			--			
C1-Naphthalenes	SW8270ESIM						--	--			--			
C1-Naphthobenzothiophenes	SW8270ESIM						--	--			--			
C1-Phenanthrenes/Anthracenes	SW8270ESIM						--	--			--			
C2-Benzanthracenes/Chrysenes	SW8270ESIM						--	--			--			
C2-Benzo(b)thiophene	SW8270ESIM						--	--			--			
C2-Decalins	SW8270ESIM						--	--			--			
C2-Dibenz(a,h)anthracenes	SW8270ESIM						--	--			--			
C2-Dibenzothiophenes	SW8270ESIM						--	--			--			
C2-Fluoranthenes/Pyrenes	SW8270ESIM						--	--			--			
C2-Fluorenes	SW8270ESIM						--	--			--			
C2-Naphthalenes	SW8270ESIM						--	--			--			
C2-Naphthobenzothiophenes	SW8270ESIM						--	--			--			
C2-Phenanthrenes/Anthracenes	SW8270ESIM						--	--			--			
C3-Benzanthracenes/Chrysenes	SW8270ESIM						--	--			--			
C3-Benzo(b)thiophene	SW8270ESIM						--	--			--			
C3-Decalins	SW8270ESIM						--	--			--			
C3-Dibenz(a,h)anthracenes	SW8270ESIM						--	--			--			
C3-Dibenzothiophenes	SW8270ESIM						--	--			--			
C3-Fluoranthenes/Pyrenes	SW8270ESIM						--	--			--			
C3-Fluorenes	SW8270ESIM						--	--			--			
C3-Naphthalenes	SW8270ESIM						--	--			--			

**Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment**

	Location ID			USMPDI-046SC-A	USMPDI-046SC-B	USMPDI-046SC-B
	Sample ID			USMPDI-046SC-A-04-05-201029	USMPDI-046SC-B-11.8-13.8-201029	USMPDI-046SC-B-13.8-15.8-201029
	Sample Date			10/29/2020	10/29/2020	10/29/2020
	Depth			4 - 5 ft	11.8 - 13.8 ft	13.8 - 15.8 ft
	Sample Type			N	N	N
	X			7623069.343	7623069.343	7623069.343
	Y			706437.017	706437.017	706437.017
Analytical Method	Navigation Channel RAL	PTW Threshold				
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.31 U	2.20 U	2.27 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.31 U	2.20 U	2.27 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.31 U	2.20 U	2.27 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.31 U	2.20 U	2.27 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.31 U	2.20 U	2.27 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.31 U	2.20 U	2.27 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.31 UT	2.20 UT	2.27 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.31 UT	2.20 UT	2.27 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.31 UT	2.20 UT	2.27 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.31 UT	2.20 UT	2.27 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.31 UT	2.20 UT	2.27 UT
PH-ROD Total DDx (U = 1/2 max limit)			7050	2.31 UT	2.20 UT	2.27 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			--	55 U	61 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			--	55 U	61 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B		0.01	0.000109 U	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B		0.01	0.000219 U	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000103 U	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000106 U	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.000116 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00153 J	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			0.0149	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-04-05-201029	USMPDI-046SC-B-11.8-13.8-201029	USMPDI-046SC-B-13.8-15.8-201029
				10/29/2020	10/29/2020	10/29/2020
				4 - 5 ft	11.8 - 13.8 ft	13.8 - 15.8 ft
				N	N	N
				X 7623069.343	7623069.343	7623069.343
				Y 706437.017	706437.017	706437.017
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.000109 U	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.000219 U	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.00129	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.00383	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0000363 U	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000353 U	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B		0.2	0.0000307 U	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0000537 U	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000546 U	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.000100 U	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.0000591 U	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000588 U	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000671 U	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.000315 J	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0000363 U	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0000353 U	--	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.000100 U	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0000671 U	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.000225 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.000217 JT	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.000221 JT	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.0173 JT	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.49 U	4.19 U	4.70 U
Aroclor 1221	SW8082A			4.49 U	4.19 U	4.70 U
Aroclor 1232	SW8082A			4.49 U	4.19 U	4.70 U
Aroclor 1242	SW8082A			4.49 U	4.19 U	4.70 U
Aroclor 1248	SW8082A			4.49 U	4.19 U	4.70 U
Aroclor 1254	SW8082A			4.49 U	4.19 U	4.70 U
Aroclor 1260	SW8082A			4.49 U	4.19 U	4.70 U
Aroclor 1262	SW8082A			4.49 U	4.19 U	4.70 U
Aroclor 1268	SW8082A			4.49 U	4.19 U	4.70 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)			200	4.49 UT	4.19 UT	4.70 UT

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-A	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-A-04-05-201029	USMPDI-046SC-B-11.8-13.8-201029	USMPDI-046SC-B-13.8-15.8-201029
				Sample ID	10/29/2020	10/29/2020
				Sample Date	4 - 5 ft	11.8 - 13.8 ft
				Depth	N	N
				Sample Type	7623069.343	7623069.343
				X	706437.017	706437.017
				Y		
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	2.19 UJ	2.41 UJ

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-15.8-17.8-201029	USMPDI-046SC-B-3.8-5.8-201029	USMPDI-046SC-B-5.8-7.8-201029
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				X		
				Y		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	NP
Plastic limit	D4318			--	--	NP
Plasticity index	D4318			--	--	NP
Specific gravity	D854			--	--	2.69
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.119 UJ	0.0817 J	0.0688 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	25
Total organic carbon	SM5310BM			0.035	--	0.03
Total Solids	SM2540G			82.2	87.3	82.7
Grain Size (pct)						
Gravel	D6913			--	--	0 U
Sand	D6913			--	--	78.8
Total fines (Reported, not calculated)	D6913			--	--	21.2
Percent passing 4750 micron sieve (#4)	D6913			--	--	100
Percent passing 2000 micron sieve (#10)	D6913			--	--	100
Percent passing 110 micron sieve (#140)	D6913			--	--	22
Percent passing 850 micron sieve (#20)	D6913			--	--	100
Percent passing 425 micron sieve (#40)	D6913			--	--	97
Percent passing 250 micron sieve (#60)	D6913			--	--	43
Percent passing 150 micron sieve (#100)	D6913			--	--	24
Percent passing 75 micron sieve (#200)	D6913			--	--	21
Metals (mg/kg)						
Arsenic	SW6020B			3.01	2.73	2.77
Cadmium	SW6020B			0.122 U	0.119 U	0.121 U
Chromium	SW6020B			13.4	14.5	13.7
Copper	SW6020B			15	14.7	15.2
Lead	SW6020B			2.68 J	2.51 J	2.62 J
Manganese	SW6020B			267	257	266
Vanadium	SW6020B			58.1	58.3	60.6
Zinc	SW6020B			43.4	42.4	43

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-15.8-17.8-201029	USMPDI-046SC-B-3.8-5.8-201029	USMPDI-046SC-B-5.8-7.8-201029
	Sample ID	Sample Date	Depth	Sample Type		
				X		
				Y		
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			41.7 U	33.2 U	42.6 U
1,2-Dichloroethene, cis-	SW8260D			41.7 U	33.2 U	42.6 U
Benzene	SW8260D			16.7 U	13.3 U	17.0 U
Chlorobenzene	SW8260D		320	41.7 U	33.2 U	42.6 U
Ethylbenzene	SW8260D			41.7 U	33.2 U	42.6 U
m,p-Xylene	SW8260D			83.4 U	66.4 U	85.2 U
o-Xylene	SW8260D			41.7 U	33.2 U	42.6 U
Tetrachloroethene (PCE)	SW8260D			41.7 U	33.2 U	42.6 U
Toluene	SW8260D			83.4 U	66.4 U	85.2 U
Trichloroethene (TCE)	SW8260D			41.7 U	33.2 U	42.6 U
Vinyl chloride	SW8260D			41.7 U	33.2 U	42.6 U
PH-ROD Total BTEX (U = 1/2 max limit)				83.4 UT	66.4 UT	85.2 UT
PH-ROD Total Xylene (U = 1/2 max limit)				83.4 UT	66.4 UT	85.2 UT
Semivolatile Organics (µg/kg)						
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			29.3 U	28.4 U	28.2 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylnaphthalene	SW8270E			2.93 U	--	2.82 U
2-Methylnaphthalene	SW8270ESIM			--	--	--
Acenaphthene	SW8270E			52.1	--	21.6
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270E			3.28 U	--	2.82 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270E			2.93 U	--	2.82 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270E			2.93 U	--	2.82 U
Benzo(a)anthracene	SW8270ESIM			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-15.8-17.8-201029	USMPDI-046SC-B-3.8-5.8-201029	USMPDI-046SC-B-5.8-7.8-201029
				USMPDI-046SC-B-15.8-17.8-201029	USMPDI-046SC-B-3.8-5.8-201029	USMPDI-046SC-B-5.8-7.8-201029
				10/29/2020	10/29/2020	10/29/2020
				15.8 - 17.8 ft	3.8 - 5.8 ft	5.8 - 7.8 ft
				N	N	N
				X	X	X
				7623069.343	7623069.343	7623069.343
				Y	Y	Y
				706437.017	706437.017	706437.017
Benzo(a)pyrene	SW8270E			2.93 U	--	2.82 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.93 U	--	2.82 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.93 U	--	2.82 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.93 U	--	2.82 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270E			2.93 U	--	2.82 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			2.93 U	--	2.82 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270E			2.75 J	--	2.82 U
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270E			20.8	--	4.89
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270E			2.93 U	--	2.82 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270E		140000	2.93 U	--	2.82 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270E			2.39 J	--	2.82 U
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270E			3.1	--	2.82 U
Pyrene	SW8270ESIM			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-15.8-17.8-201029	USMPDI-046SC-B-3.8-5.8-201029	USMPDI-046SC-B-5.8-7.8-201029
				USMPDI-046SC-B-15.8-17.8-201029	USMPDI-046SC-B-3.8-5.8-201029	USMPDI-046SC-B-5.8-7.8-201029
				10/29/2020	10/29/2020	10/29/2020
				15.8 - 17.8 ft	3.8 - 5.8 ft	5.8 - 7.8 ft
				N	N	N
				X	X	X
				7623069.343	7623069.343	7623069.343
				Y	Y	Y
				706437.017	706437.017	706437.017
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.93 UT	--	2.82 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.93 UT	--	2.82 UT
PH-ROD Total HPAH (U = 1/2 max limit)				17.6 JT	--	2.82 UT
PH-ROD Total LPAH (U = 1/2 max limit)				81.3 JT	--	33.5 T
PH-ROD Total PAH (U = 1/2 max limit)		170000		98.9 JT	--	47.6 T
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-15.8-17.8-201029	USMPDI-046SC-B-3.8-5.8-201029	USMPDI-046SC-B-5.8-7.8-201029
				10/29/2020	10/29/2020	10/29/2020
				15.8 - 17.8 ft	3.8 - 5.8 ft	5.8 - 7.8 ft
				N	N	N
				X	X	X
				7623069.343	7623069.343	7623069.343
				Y	Y	Y
				706437.017	706437.017	706437.017
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.29 U	--	2.32 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.29 U	--	2.32 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.29 U	--	2.32 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.29 U	--	2.32 U
4,4'-DDE (p,p'-DDE)	SW8081B			2.29 U	--	2.32 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.29 U	--	2.32 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.29 UT	--	2.32 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.29 UT	--	2.32 UT
PH-ROD Sum DDD (U = 1/2 max limit)				2.29 UT	--	2.32 UT
PH-ROD Sum DDE (U = 1/2 max limit)				2.29 UT	--	2.32 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.29 UT	--	2.32 UT
PH-ROD Total DDx (U = 1/2 max limit)			7050	2.29 UT	--	2.32 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			61 U	56 U	61 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			61 U	56 U	61 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B		0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B		0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-15.8-17.8-201029	USMPDI-046SC-B-3.8-5.8-201029	USMPDI-046SC-B-5.8-7.8-201029
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				X	X	X
				Y	Y	Y
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B		0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.84 U	--	4.80 U
Aroclor 1221	SW8082A			4.84 U	--	4.80 U
Aroclor 1232	SW8082A			4.84 U	--	4.80 U
Aroclor 1242	SW8082A			4.84 U	--	4.80 U
Aroclor 1248	SW8082A			4.84 U	--	4.80 U
Aroclor 1254	SW8082A			4.84 U	--	4.80 U
Aroclor 1260	SW8082A			4.84 U	--	4.80 U
Aroclor 1262	SW8082A			4.84 U	--	4.80 U
Aroclor 1268	SW8082A			4.84 U	--	4.80 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)			200	4.84 UT	--	4.80 UT

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-046SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-15.8-17.8-201029	USMPDI-046SC-B-3.8-5.8-201029	USMPDI-046SC-B-5.8-7.8-201029
				Sample ID	10/29/2020	10/29/2020
				Sample Date	15.8 - 17.8 ft	3.8 - 5.8 ft
				Depth	N	N
				Sample Type	7623069.343	7623069.343
				X	706437.017	706437.017
				Y		
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.44 UJ	2.22 UJ	2.43 UJ

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-055SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-7.8-9.8-201029	USMPDI-046SC-B-9.8-11.8-201029	USMPDI-055SC-A-01-02-201028
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				X		
				Y		
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.109 UJ	0.118 UJT	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.031	0.027 T	2.1
Total Solids	SM2540G			90.6	83.0 T	50.9
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.59	2.74 T	--
Cadmium	SW6020B			0.113 U	0.124 UT	--
Chromium	SW6020B			14.1	12.9 T	--
Copper	SW6020B			15.4	14.4 T	--
Lead	SW6020B			2.68 J	2.48 JT	--
Manganese	SW6020B			261	270 T	--
Vanadium	SW6020B			57.8	57.7 T	--
Zinc	SW6020B			42.1	41.6 T	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-055SC-A
	Sample ID			USMPDI-046SC-B-7.8-9.8-201029	USMPDI-046SC-B-9.8-11.8-201029	USMPDI-055SC-A-01-02-201028
	Sample Date			10/29/2020	10/29/2020	10/28/2020
	Depth			7.8 - 9.8 ft	9.8 - 11.8 ft	1 - 2 ft
Sample Type			N	N	N	
X			7623069.343	7623069.343	7623179.503	
Y			706437.017	706437.017	706346.391	
Analytical Method	Navigation Channel RAL	PTW Threshold				
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			33.2 U	36.3 UT	--
1,2-Dichloroethene, cis-	SW8260D			33.2 U	36.3 UT	--
Benzene	SW8260D			13.3 U	14.5 UT	--
Chlorobenzene	SW8260D		320	33.2 U	36.3 UT	--
Ethylbenzene	SW8260D			33.2 U	36.3 UT	--
m,p-Xylene	SW8260D			66.5 U	72.5 UT	--
o-Xylene	SW8260D			33.2 U	36.3 UT	--
Tetrachloroethene (PCE)	SW8260D			33.2 U	36.3 UT	--
Toluene	SW8260D			66.5 U	72.5 UT	--
Trichloroethene (TCE)	SW8260D			33.2 U	36.3 UT	--
Vinyl chloride	SW8260D			33.2 U	36.3 UT	--
PH-ROD Total BTEX (U = 1/2 max limit)				66.5 UT	72.5 UT	--
PH-ROD Total Xylene (U = 1/2 max limit)				66.5 UT	72.5 UT	--
Semivolatile Organics (µg/kg)						
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	688
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	97.6
Pentachlorophenol	SW8270E			26.0 U	29.1 UT	--
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methylnaphthalene	SW8270ESIM			--	--	187
1-Methylphenanthrene	SW8270ESIM			--	--	627
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	107
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	216
2-Methylnaphthalene	SW8270E			2.60 U	6.08 T	--
2-Methylnaphthalene	SW8270ESIM			--	--	306
Acenaphthene	SW8270E			15.2	13.3 JT	--
Acenaphthene	SW8270ESIM			--	--	1200
Acenaphthylene	SW8270E			2.60 U	2.91 UT	--
Acenaphthylene	SW8270ESIM			--	--	285
Anthracene	SW8270E			2.60 U	2.91 UT	--
Anthracene	SW8270ESIM			--	--	905
Benzo(a)anthracene	SW8270E			1.44 J	2.91 UT	--
Benzo(a)anthracene	SW8270ESIM			--	--	3510

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-055SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-7.8-9.8-201029	USMPDI-046SC-B-9.8-11.8-201029	USMPDI-055SC-A-01-02-201028
				10/29/2020	10/29/2020	10/28/2020
				7.8 - 9.8 ft	9.8 - 11.8 ft	1 - 2 ft
				N	N	N
				X 7623069.343	X 7623069.343	X 7623179.503
				Y 706437.017	Y 706437.017	Y 706346.391
Benzo(a)pyrene	SW8270E			2.26 J	2.91 UT	--
Benzo(a)pyrene	SW8270ESIM			--	--	4270
Benzo(b)fluoranthene	SW8270E			1.99 J	2.91 UT	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	2730
Benzo(e)pyrene	SW8270ESIM			--	--	2840
Benzo(g,h,i)perylene	SW8270E			1.98 J	2.91 UT	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	2510 J
Benzo(j)fluoranthene	SW8270ESIM			--	--	1760
Benzo(j,k)fluoranthene	SW8270E			2.60 U	2.91 UT	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	1670
Benzothiophene	SW8270ESIM			--	--	64.2
Carbazole	SW8270ESIM			--	--	287
Chrysene	SW8270E			1.87 J	2.91 UT	--
Chrysene	SW8270ESIM			--	--	4380
Decalin, cis-	SW8270ESIM			--	--	5.0 UJ
Decalin, trans-	SW8270ESIM			--	--	3.6 J
Dibenzo(a,h)anthracene	SW8270E			2.60 U	2.91 UT	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	402 J
Dibenzofuran	SW8270ESIM			--	--	117
Dibenzothiophene	SW8270ESIM			--	--	432
Fluoranthene	SW8270E			2.60 U	2.91 UT	--
Fluoranthene	SW8270ESIM			--	--	7280
Fluorene	SW8270E			15.6	8.59 JT	--
Fluorene	SW8270ESIM			--	--	801
Indeno(1,2,3-c,d)pyrene	SW8270E			1.66 J	2.91 UT	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	2330
Naphthalene	SW8270E		140000	2.60 U	3.04 T	--
Naphthalene	SW8270ESIM		140000	--	--	782
Perylene	SW8270ESIM			--	--	1060
Phenanthrene	SW8270E			2.60 U	2.91 UT	--
Phenanthrene	SW8270ESIM			--	--	6080
Pyrene	SW8270E			1.45 J	2.91 UT	--
Pyrene	SW8270ESIM			--	--	8840

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-055SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-7.8-9.8-201029	USMPDI-046SC-B-9.8-11.8-201029	USMPDI-055SC-A-01-02-201028
				10/29/2020	10/29/2020	10/28/2020
				7.8 - 9.8 ft	9.8 - 11.8 ft	1 - 2 ft
				N	N	N
				X 7623069.343	X 7623069.343	X 7623179.503
				Y 706437.017	Y 706437.017	Y 706346.391
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3.29 JT	2.91 UT	6160 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	4.08 JT	2.91 UT	5550 JT
PH-ROD Total HPAH (U = 1/2 max limit)				16.6 JT	2.91 UT	39700 JT
PH-ROD Total LPAH (U = 1/2 max limit)				37.3 T	35.3 JT	10000 T
PH-ROD Total PAH (U = 1/2 max limit)		170000		53.9 JT	49.9 JT	50000 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	3550
C1-Benzo(b)thiophene	SW8270ESIM			--	--	58.1
C1-Decalins	SW8270ESIM			--	--	52.1
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	555
C1-Dibenzothiophenes	SW8270ESIM			--	--	548
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	4520
C1-Fluorenes	SW8270ESIM			--	--	521
C1-Naphthalenes	SW8270ESIM			--	--	468
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	475
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	2880
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	2350
C2-Benzo(b)thiophene	SW8270ESIM			--	--	133
C2-Decalins	SW8270ESIM			--	--	172
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	227
C2-Dibenzothiophenes	SW8270ESIM			--	--	730
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	2720
C2-Fluorenes	SW8270ESIM			--	--	554
C2-Naphthalenes	SW8270ESIM			--	--	681
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	788
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	2390
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	1040
C3-Benzo(b)thiophene	SW8270ESIM			--	--	171
C3-Decalins	SW8270ESIM			--	--	120
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	53.5
C3-Dibenzothiophenes	SW8270ESIM			--	--	601
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1690
C3-Fluorenes	SW8270ESIM			--	--	556
C3-Naphthalenes	SW8270ESIM			--	--	814

**Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment**

			Location ID	USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-055SC-A
			Sample ID	USMPDI-046SC-B-7.8-9.8-201029	USMPDI-046SC-B-9.8-11.8-201029	USMPDI-055SC-A-01-02-201028
			Sample Date	10/29/2020	10/29/2020	10/28/2020
			Depth	7.8 - 9.8 ft	9.8 - 11.8 ft	1 - 2 ft
			Sample Type	N	N	N
			X	7623069.343	7623069.343	7623179.503
			Y	706437.017	706437.017	706346.391
	Analytical Method	Navigation Channel RAL	PTW Threshold			
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	412
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	1660
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	428
C4-Decalins	SW8270ESIM			--	--	230
C4-Dibenzothiophenes	SW8270ESIM			--	--	291
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	1020
C4-Naphthalenes	SW8270ESIM			--	--	473
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	192
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	696
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.19 U	2.26 UT	14.9 U
2,4'-DDE (o,p'-DDE)	SW8081B			2.19 U	2.26 UT	9.81 U
2,4'-DDT (o,p'-DDT)	SW8081B			2.19 U	2.26 UT	7.85 U
4,4'-DDD (p,p'-DDD)	SW8081B			2.19 U	2.26 UT	30.0 J
4,4'-DDE (p,p'-DDE)	SW8081B			2.19 U	2.26 UT	15.3 U
4,4'-DDT (p,p'-DDT)	SW8081B			2.19 U	2.26 UT	8.24 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.19 UT	2.26 UT	14.9 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.19 UT	2.26 UT	41.8 JT
PH-ROD Sum DDD (U = 1/2 max limit)				2.19 UT	2.26 UT	37.5 JT
PH-ROD Sum DDE (U = 1/2 max limit)				2.19 UT	2.26 UT	15.3 UT
PH-ROD Sum DDT (U = 1/2 max limit)				2.19 UT	2.26 UT	8.24 UT
PH-ROD Total DDx (U = 1/2 max limit)			7050	2.19 UT	2.26 UT	58.1 JT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			55 U	60 UT	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			55 U	60 UT	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B		0.01	--	--	0.000321 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B		0.01	--	--	0.000475 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.000576 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00292
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.00141 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.0741
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	0.751

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-055SC-A
	Sample ID			USMPDI-046SC-B-7.8-9.8-201029	USMPDI-046SC-B-9.8-11.8-201029	USMPDI-055SC-A-01-02-201028
	Sample Date			10/29/2020	10/29/2020	10/28/2020
Depth			7.8 - 9.8 ft	9.8 - 11.8 ft	1 - 2 ft	
Sample Type			N	N	N	
X			7623069.343	7623069.343	7623179.503	
Y			706437.017	706437.017	706346.391	
Analytical Method	Navigation Channel RAL	PTW Threshold				
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	0.00273 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	0.00410 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	0.0295
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	0.243
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	0.0072
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.00733
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B		0.2	--	--	0.00493
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	0.0104
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00263
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.000389 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.00119 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0124
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.00204 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	0.0321
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	0.0246 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	0.0277
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	0.0299
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	0.0355
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	0.0156 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	0.00608 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	0.00629 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	0.911 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.19 U	4.48 UT	7.51 U
Aroclor 1221	SW8082A			4.19 U	4.48 UT	7.51 U
Aroclor 1232	SW8082A			4.19 U	4.48 UT	7.51 U
Aroclor 1242	SW8082A			4.19 U	4.48 UT	7.04 J
Aroclor 1248	SW8082A			4.19 U	4.48 UT	7.51 U
Aroclor 1254	SW8082A			4.19 U	4.48 UT	17.8 U
Aroclor 1260	SW8082A			4.19 U	4.48 UT	9.16 J
Aroclor 1262	SW8082A			4.19 U	4.48 UT	7.51 U
Aroclor 1268	SW8082A			4.19 U	4.48 UT	7.51 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)			200	4.19 UT	4.48 UT	47.6 JT

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-046SC-B	USMPDI-046SC-B	USMPDI-055SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-046SC-B-7.8-9.8-201029	USMPDI-046SC-B-9.8-11.8-201029	USMPDI-055SC-A-01-02-201028
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				X		
				Y		
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	162
Motor oil range hydrocarbons	NWTPHDx			--	--	386
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.21 UJ	2.3 UJT	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-A	USMPDI-055SC-A	USMPDI-055SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-A-02-03-201028	USMPDI-055SC-A-03-04-201028	USMPDI-055SC-A-04-05-201028
				10/28/2020	10/28/2020	10/28/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				X 7623179.503	X 7623179.503	X 7623179.503
				Y 706346.391	Y 706346.391	Y 706346.391
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			--	--	--
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.65	1.9	0.44
Total Solids	SM2540G			66.4	58.7	79.8
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			--	--	--
Cadmium	SW6020B			--	--	--
Chromium	SW6020B			--	--	--
Copper	SW6020B			--	--	--
Lead	SW6020B			--	--	--
Manganese	SW6020B			--	--	--
Vanadium	SW6020B			--	--	--
Zinc	SW6020B			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID Sample ID Sample Date Depth Sample Type	USMPDI-055SC-A		USMPDI-055SC-A		USMPDI-055SC-A	
		USMPDI-055SC-A-02-03-201028	USMPDI-055SC-A-03-04-201028	USMPDI-055SC-A-04-05-201028			
		10/28/2020	10/28/2020	10/28/2020			
		2 - 3 ft	3 - 4 ft	4 - 5 ft			
		N	N	N			
		7623179.503	7623179.503	7623179.503			
		706346.391	706346.391	706346.391			
	Analytical Method	Navigation Channel RAL	PTW Threshold				
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D			--	--	--	
1,2-Dichloroethene, cis-	SW8260D			--	--	--	
Benzene	SW8260D			--	--	--	
Chlorobenzene	SW8260D		320	--	--	--	
Ethylbenzene	SW8260D			--	--	--	
m,p-Xylene	SW8260D			--	--	--	
o-Xylene	SW8260D			--	--	--	
Tetrachloroethene (PCE)	SW8260D			--	--	--	
Toluene	SW8260D			--	--	--	
Trichloroethene (TCE)	SW8260D			--	--	--	
Vinyl chloride	SW8260D			--	--	--	
PH-ROD Total BTEX (U = 1/2 max limit)				--	--	--	
PH-ROD Total Xylene (U = 1/2 max limit)				--	--	--	
Semivolatile Organics (µg/kg)							
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--	
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--	
Pentachlorophenol	SW8270E			--	--	--	
Polycyclic Aromatic Hydrocarbons (µg/kg)							
1-Methylnaphthalene	SW8270ESIM			--	--	--	
1-Methylphenanthrene	SW8270ESIM			--	--	--	
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--	
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--	
2-Methylnaphthalene	SW8270E			120 J	16.6 U	11.9 U	
2-Methylnaphthalene	SW8270ESIM			--	--	--	
Acenaphthene	SW8270E			381	119	284	
Acenaphthene	SW8270ESIM			--	--	--	
Acenaphthylene	SW8270E			320	14.4 J	15.8 U	
Acenaphthylene	SW8270ESIM			--	--	--	
Anthracene	SW8270E			482	16.6 U	6.06 J	
Anthracene	SW8270ESIM			--	--	--	
Benzo(a)anthracene	SW8270E			1660 J	10.5 J	11.9 U	
Benzo(a)anthracene	SW8270ESIM			--	--	--	

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-A	USMPDI-055SC-A	USMPDI-055SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-A-02-03-201028	USMPDI-055SC-A-03-04-201028	USMPDI-055SC-A-04-05-201028
				10/28/2020	10/28/2020	10/28/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				X	X	X
				7623179.503	7623179.503	7623179.503
				Y	Y	Y
				706346.391	706346.391	706346.391
Benzo(a)pyrene	SW8270E			2530 J	24.6	11.9 U
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2240	20.2	11.9 U
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			1840	23	11.9 U
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			750 J	16.6 U	11.9 U
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270E			1900	12.7 J	11.9 U
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			246	16.6 U	11.9 U
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270E			3650	33.8	28.4
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270E			235	16.6 U	36.6
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270E			1510	18.8	11.9 U
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270E		140000	412	16.6 U	11.9 U
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270E			2430	36.9	156
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270E			3810 J	36.2	52.7
Pyrene	SW8270ESIM			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-A	USMPDI-055SC-A	USMPDI-055SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-A-02-03-201028	USMPDI-055SC-A-03-04-201028	USMPDI-055SC-A-04-05-201028
				10/28/2020	10/28/2020	10/28/2020
				2 - 3 ft	3 - 4 ft	4 - 5 ft
				N	N	N
				X	X	X
				7623179.503	7623179.503	7623179.503
				Y	Y	Y
				706346.391	706346.391	706346.391
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				3000 JT	28.5 T	11.9 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	3300 JT	37.9 JT	11.9 UT
PH-ROD Total HPAH (U = 1/2 max limit)				20000 JT	196 JT	129 T
PH-ROD Total LPAH (U = 1/2 max limit)				4400 JT	204 JT	502 JT
PH-ROD Total PAH (U = 1/2 max limit)		170000		25000 JT	400 JT	631 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID Sample ID Sample Date Depth Sample Type	USMPDI-055SC-A USMPDI-055SC-A-02-03-201028 10/28/2020 2 - 3 ft N	USMPDI-055SC-A USMPDI-055SC-A-03-04-201028 10/28/2020 3 - 4 ft N	USMPDI-055SC-A USMPDI-055SC-A-04-05-201028 10/28/2020 4 - 5 ft N	X 7623179.503	Y 706346.391
C3-Naphthobenzothiophenes	SW8270ESIM				--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM				--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM				--	--
C4-Decalins	SW8270ESIM				--	--
C4-Dibenzothiophenes	SW8270ESIM				--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM				--	--
C4-Naphthalenes	SW8270ESIM				--	--
C4-Naphthobenzothiophenes	SW8270ESIM				--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM				--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B				4.33 U	3.34 U
2,4'-DDE (o,p'-DDE)	SW8081B				2.98 U	3.34 U
2,4'-DDT (o,p'-DDT)	SW8081B				2.98 U	3.34 U
4,4'-DDD (p,p'-DDD)	SW8081B				9.02 J	3.34 U
4,4'-DDE (p,p'-DDE)	SW8081B				4.62 U	3.34 U
4,4'-DDT (p,p'-DDT)	SW8081B				2.98 U	3.34 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					4.33 UT	3.34 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					12.8 JT	3.34 UT
PH-ROD Sum DDD (U = 1/2 max limit)					11.2 JT	3.34 UT
PH-ROD Sum DDE (U = 1/2 max limit)					4.62 UT	3.34 UT
PH-ROD Sum DDT (U = 1/2 max limit)					2.98 UT	3.34 UT
PH-ROD Total DDx (U = 1/2 max limit)			7050		18.0 JT	3.34 UT
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A				--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				--	--
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B		0.01		0.000304 J	0.000168 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B		0.01		0.000556 J	0.000183 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000660 J	0.000132 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00573	0.000128 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00222 J	0.000138 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0924	0.00209 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				1.13	0.021

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-A	USMPDI-055SC-A	USMPDI-055SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-A-02-03-201028	USMPDI-055SC-A-03-04-201028	USMPDI-055SC-A-04-05-201028
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				X	X	X
				Y	Y	Y
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			0.00258 J	0.00122 J	0.000227
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			0.00594 J	0.00109 J	0.000241 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			0.0412	0.00263	0.00121
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			0.206	0.00561	0.00314
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	0.0156	0.000308 J	0.0000923 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			0.0387	0.0000662 J	0.000212 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B		0.2	0.0189	0.0000426 U	0.0000717 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	0.0531	0.000104 J	0.000545 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.019	0.0000543 U	0.000249 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00174 J	0.0000859 U	0.0000728 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			0.00539	0.0000605 U	0.0000515 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			0.0339	0.0000766 U	0.000750 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			0.00737	0.0000705 U	0.000270 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			0.0686	0.000127 U	0.000846 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B			0.0398 J	0.000792 J	0.000226 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B			0.0983	0.0000662 J	0.000397 J
Total Hexachlorodibenzofuran (HxCDF)	E1613B			0.109	0.000104 J	0.00104 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B			0.0855	0.0000766 U	0.00154
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				0.0481 JT	0.000723 JT	0.000377 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				0.0220 JT	0.000440 JT	0.000259 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				0.0197 JT	0.000458 JT	0.000249 JT
PH-ROD Total PCDD/F (U = 1/2 max limit)				1.49 JT	0.0244 JT	0.0159 JT
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			5.73 U	6.40 UJ	4.85 U
Aroclor 1221	SW8082A			5.73 U	6.40 UJ	4.85 U
Aroclor 1232	SW8082A			5.73 U	6.40 UJ	4.85 U
Aroclor 1242	SW8082A			3.30 J	6.40 UJ	4.85 U
Aroclor 1248	SW8082A			5.73 U	6.40 UJ	4.85 U
Aroclor 1254	SW8082A			8.88 U	6.40 UJ	4.85 U
Aroclor 1260	SW8082A			5.84 J	6.40 UJ	4.85 U
Aroclor 1262	SW8082A			5.73 U	6.40 UJ	4.85 U
Aroclor 1268	SW8082A			5.73 U	6.40 UJ	4.85 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)			200	30.8 JT	6.40 UJT	4.85 UT

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-A	USMPDI-055SC-A	USMPDI-055SC-A
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-A-02-03-201028	USMPDI-055SC-A-03-04-201028	USMPDI-055SC-A-04-05-201028
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				X	7623179.503	7623179.503
				Y	706346.391	706346.391
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-B-11.8-13.8-201028	USMPDI-055SC-B-13.8-15.8-201028	USMPDI-055SC-B-3.8-5.8-201028
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				X	X	X
				Y	Y	Y
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.117 U	0.121 U	0.33
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.027	0.026	--
Total Solids	SM2540G			85.2	82.7	80.5
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.74	2.76	2.69
Cadmium	SW6020B			0.121 U	0.125 U	0.128 U
Chromium	SW6020B			10.6	9.9	16.6
Copper	SW6020B			14.1	13.7	16.3
Lead	SW6020B			2.3	2.63	2.82
Manganese	SW6020B			256	255	322
Vanadium	SW6020B			51.9	47.8	58.9
Zinc	SW6020B			39.5	39.4	42.5

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Sample ID			USMPDI-055SC-B-11.8-13.8-201028	USMPDI-055SC-B-13.8-15.8-201028	USMPDI-055SC-B-3.8-5.8-201028
	Sample Date			10/28/2020	10/28/2020	10/28/2020
			Depth	11.8 - 13.8 ft	13.8 - 15.8 ft	3.8 - 5.8 ft
			Sample Type	N	N	N
			X	7623179.503	7623179.503	7623179.503
			Y	706346.391	706346.391	706346.391
Analytical Method	Navigation Channel RAL	PTW Threshold				
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			38.3 U	35.6 U	35.4 U
1,2-Dichloroethene, cis-	SW8260D			38.3 U	35.6 U	35.4 U
Benzene	SW8260D			15.3 U	14.2 U	14.2 U
Chlorobenzene	SW8260D		320	38.3 U	35.6 U	35.4 U
Ethylbenzene	SW8260D			38.3 U	35.6 U	35.4 U
m,p-Xylene	SW8260D			76.6 U	71.1 U	70.9 U
o-Xylene	SW8260D			38.3 U	35.6 U	35.4 U
Tetrachloroethene (PCE)	SW8260D			38.3 U	35.6 U	35.4 U
Toluene	SW8260D			76.6 U	71.1 U	70.9 U
Trichloroethene (TCE)	SW8260D			38.3 U	35.6 U	35.4 U
Vinyl chloride	SW8260D			38.3 U	35.6 U	35.4 U
PH-ROD Total BTEX (U = 1/2 max limit)				76.6 UT	71.1 UT	70.9 UT
PH-ROD Total Xylene (U = 1/2 max limit)				76.6 UT	71.1 UT	70.9 UT
Semivolatile Organics (µg/kg)						
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			28.6 U	27.9 U	115 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylnaphthalene	SW8270E			2.86 U	2.79 U	--
2-Methylnaphthalene	SW8270ESIM			--	--	--
Acenaphthene	SW8270E			7.61	9	--
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270E			2.86 U	2.79 U	--
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270E			2.86 U	2.79 U	--
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270E			2.86 U	2.79 U	--
Benzo(a)anthracene	SW8270ESIM			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-B-11.8-13.8-201028	USMPDI-055SC-B-13.8-15.8-201028	USMPDI-055SC-B-3.8-5.8-201028
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				X	X	X
				Y	Y	Y
				7623179.503	7623179.503	7623179.503
				706346.391	706346.391	706346.391
Benzo(a)pyrene	SW8270E			2.86 U	2.79 U	--
Benzo(a)pyrene	SW8270ESIM			--	--	--
Benzo(b)fluoranthene	SW8270E			2.86 U	2.79 U	--
Benzo(b)fluoranthene	SW8270ESIM			--	--	--
Benzo(e)pyrene	SW8270ESIM			--	--	--
Benzo(g,h,i)perylene	SW8270E			2.86 U	2.79 U	--
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--
Benzo(j)fluoranthene	SW8270ESIM			--	--	--
Benzo(j,k)fluoranthene	SW8270E			2.86 U	2.79 U	--
Benzo(k)fluoranthene	SW8270ESIM			--	--	--
Benzothiophene	SW8270ESIM			--	--	--
Carbazole	SW8270ESIM			--	--	--
Chrysene	SW8270E			2.86 U	2.79 U	--
Chrysene	SW8270ESIM			--	--	--
Decalin, cis-	SW8270ESIM			--	--	--
Decalin, trans-	SW8270ESIM			--	--	--
Dibenzo(a,h)anthracene	SW8270E			2.86 U	2.79 U	--
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--
Dibenzofuran	SW8270ESIM			--	--	--
Dibenzothiophene	SW8270ESIM			--	--	--
Fluoranthene	SW8270E			2.86 U	2.79 U	--
Fluoranthene	SW8270ESIM			--	--	--
Fluorene	SW8270E			3.58	2.17 J	--
Fluorene	SW8270ESIM			--	--	--
Indeno(1,2,3-c,d)pyrene	SW8270E			2.86 U	2.79 U	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--
Naphthalene	SW8270E		140000	2.86 U	2.79 U	--
Naphthalene	SW8270ESIM		140000	--	--	--
Perylene	SW8270ESIM			--	--	--
Phenanthrene	SW8270E			2.86 U	2.79 U	--
Phenanthrene	SW8270ESIM			--	--	--
Pyrene	SW8270E			2.86 U	2.79 U	--
Pyrene	SW8270ESIM			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-B-11.8-13.8-201028	USMPDI-055SC-B-13.8-15.8-201028	USMPDI-055SC-B-3.8-5.8-201028
				USMPDI-055SC-B-11.8-13.8-201028	USMPDI-055SC-B-13.8-15.8-201028	USMPDI-055SC-B-3.8-5.8-201028
				10/28/2020	10/28/2020	10/28/2020
				11.8 - 13.8 ft	13.8 - 15.8 ft	3.8 - 5.8 ft
				N	N	N
				X	X	X
				7623179.503	7623179.503	7623179.503
				Y	Y	Y
				706346.391	706346.391	706346.391
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)				2.86 UT	2.79 UT	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000	2.86 UT	2.79 UT	--
PH-ROD Total HPAH (U = 1/2 max limit)				2.86 UT	2.79 UT	--
PH-ROD Total LPAH (U = 1/2 max limit)				18.3 T	18.1 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		170000		32.6 T	32.1 JT	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C1-Benzo(b)thiophene	SW8270ESIM			--	--	--
C1-Decalins	SW8270ESIM			--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C1-Dibenzothiophenes	SW8270ESIM			--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C1-Fluorenes	SW8270ESIM			--	--	--
C1-Naphthalenes	SW8270ESIM			--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C2-Benzo(b)thiophene	SW8270ESIM			--	--	--
C2-Decalins	SW8270ESIM			--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C2-Dibenzothiophenes	SW8270ESIM			--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C2-Fluorenes	SW8270ESIM			--	--	--
C2-Naphthalenes	SW8270ESIM			--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C3-Benzo(b)thiophene	SW8270ESIM			--	--	--
C3-Decalins	SW8270ESIM			--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM			--	--	--
C3-Dibenzothiophenes	SW8270ESIM			--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C3-Fluorenes	SW8270ESIM			--	--	--
C3-Naphthalenes	SW8270ESIM			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-B-11.8-13.8-201028	USMPDI-055SC-B-13.8-15.8-201028	USMPDI-055SC-B-3.8-5.8-201028
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				X	X	X
				Y	Y	Y
C3-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM			--	--	--
C4-Decalins	SW8270ESIM			--	--	--
C4-Dibenzothiophenes	SW8270ESIM			--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM			--	--	--
C4-Naphthalenes	SW8270ESIM			--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM			--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM			--	--	--
Pesticides (µg/kg)						
2,4'-DDD (o,p'-DDD)	SW8081B			2.32 U	2.39 U	--
2,4'-DDE (o,p'-DDE)	SW8081B			2.32 U	2.39 U	--
2,4'-DDT (o,p'-DDT)	SW8081B			2.32 U	2.39 U	--
4,4'-DDD (p,p'-DDD)	SW8081B			2.32 U	2.39 U	--
4,4'-DDE (p,p'-DDE)	SW8081B			2.32 U	2.39 U	--
4,4'-DDT (p,p'-DDT)	SW8081B			2.32 U	2.39 U	--
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)				2.32 UT	2.39 UT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)				2.32 UT	2.39 UT	--
PH-ROD Sum DDD (U = 1/2 max limit)				2.32 UT	2.39 UT	--
PH-ROD Sum DDE (U = 1/2 max limit)				2.32 UT	2.39 UT	--
PH-ROD Sum DDT (U = 1/2 max limit)				2.32 UT	2.39 UT	--
PH-ROD Total DDx (U = 1/2 max limit)			7050	2.32 UT	2.39 UT	--
Herbicides (µg/kg)						
2,4,5-TP (Silvex)	SW8151A			60 U	60 U	62 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			60 U	60 U	62 U
Dioxin Furans (µg/kg)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B		0.01	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B		0.01	--	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-B-11.8-13.8-201028	USMPDI-055SC-B-13.8-15.8-201028	USMPDI-055SC-B-3.8-5.8-201028
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				X	X	X
				Y	Y	Y
				7623179.503	7623179.503	7623179.503
				706346.391	706346.391	706346.391
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B		0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.53 U	4.51 U	--
Aroclor 1221	SW8082A			4.53 U	4.51 U	--
Aroclor 1232	SW8082A			4.53 U	4.51 U	--
Aroclor 1242	SW8082A			4.53 U	4.51 U	--
Aroclor 1248	SW8082A			4.53 U	4.51 U	--
Aroclor 1254	SW8082A			4.53 U	4.51 U	--
Aroclor 1260	SW8082A			4.53 U	4.51 U	--
Aroclor 1262	SW8082A			4.53 U	4.51 U	--
Aroclor 1268	SW8082A			4.53 U	4.51 U	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)			200	4.53 UT	4.51 UT	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Sample ID			USMPDI-055SC-B-11.8-13.8-201028	USMPDI-055SC-B-13.8-15.8-201028	USMPDI-055SC-B-3.8-5.8-201028
	Sample Date			10/28/2020	10/28/2020	10/28/2020
	Depth			11.8 - 13.8 ft	13.8 - 15.8 ft	3.8 - 5.8 ft
	Sample Type			N	N	N
	X			7623179.503	7623179.503	7623179.503
Y			706346.391	706346.391	706346.391	
Analytical Method	Navigation Channel RAL	PTW Threshold				
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			2.33 UJ	2.4 UJ	2.47 UJ

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-B-5.8-7.8-201028	USMPDI-055SC-B-7.8-9.8-201028	USMPDI-055SC-B-9.8-11.8-201028
				Sample ID	Sample ID	Sample ID
				Sample Date	Sample Date	Sample Date
				Depth	Depth	Depth
				Sample Type	Sample Type	Sample Type
				X	X	X
				Y	Y	Y
Conventional Parameters (unitless)						
Liquid limit	D4318			--	--	--
Plastic limit	D4318			--	--	--
Plasticity index	D4318			--	--	--
Specific gravity	D854			--	--	--
Conventional Parameters (mg/kg)						
Cyanide	D7511-12			0.33	0.317	0.0925 J
Conventional Parameters (pct)						
Moisture (water) content	D2216			--	--	--
Total organic carbon	SM5310BM			0.27	0.12	0.026
Total Solids	SM2540G			76	83.5	85.3
Grain Size (pct)						
Gravel	D6913			--	--	--
Sand	D6913			--	--	--
Total fines (Reported, not calculated)	D6913			--	--	--
Percent passing 4750 micron sieve (#4)	D6913			--	--	--
Percent passing 2000 micron sieve (#10)	D6913			--	--	--
Percent passing 110 micron sieve (#140)	D6913			--	--	--
Percent passing 850 micron sieve (#20)	D6913			--	--	--
Percent passing 425 micron sieve (#40)	D6913			--	--	--
Percent passing 250 micron sieve (#60)	D6913			--	--	--
Percent passing 150 micron sieve (#100)	D6913			--	--	--
Percent passing 75 micron sieve (#200)	D6913			--	--	--
Metals (mg/kg)						
Arsenic	SW6020B			2.72	2.98	2.72
Cadmium	SW6020B			0.133 U	0.124 U	0.115 U
Chromium	SW6020B			13.9	14.9	12.1
Copper	SW6020B			15	15.8	13.8
Lead	SW6020B			2.59	2.62	2.4
Manganese	SW6020B			253	288	252
Vanadium	SW6020B			56.9	61.3	54.5
Zinc	SW6020B			42	43.9	38.8

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Sample ID			USMPDI-055SC-B-5.8-7.8-201028	USMPDI-055SC-B-7.8-9.8-201028	USMPDI-055SC-B-9.8-11.8-201028
	Sample Date			10/28/2020	10/28/2020	10/28/2020
			Depth	5.8 - 7.8 ft	7.8 - 9.8 ft	9.8 - 11.8 ft
			Sample Type	N	N	N
			X	7623179.503	7623179.503	7623179.503
			Y	706346.391	706346.391	706346.391
Analytical Method	Navigation Channel RAL	PTW Threshold				
Volatile Organics (µg/kg)						
1,1-Dichloroethene	SW8260D			38.5 U	36.0 U	31.9 U
1,2-Dichloroethene, cis-	SW8260D			38.5 U	36.0 U	31.9 U
Benzene	SW8260D			15.4 U	14.4 U	12.8 U
Chlorobenzene	SW8260D		320	38.5 U	36.0 U	31.9 U
Ethylbenzene	SW8260D			38.5 U	36.0 U	31.9 U
m,p-Xylene	SW8260D			77.0 U	72.0 U	63.8 U
o-Xylene	SW8260D			38.5 U	36.0 U	31.9 U
Tetrachloroethene (PCE)	SW8260D			38.5 U	36.0 U	31.9 U
Toluene	SW8260D			77.0 U	72.0 U	63.8 U
Trichloroethene (TCE)	SW8260D			38.5 U	36.0 U	31.9 U
Vinyl chloride	SW8260D			38.5 U	36.0 U	31.9 U
PH-ROD Total BTEX (U = 1/2 max limit)				77.0 UT	72.0 UT	63.8 UT
PH-ROD Total Xylene (U = 1/2 max limit)				77.0 UT	72.0 UT	63.8 UT
Semivolatile Organics (µg/kg)						
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			--	--	--
Biphenyl (1,1'-Biphenyl)	SW8270ESIM			--	--	--
Pentachlorophenol	SW8270E			31.5 U	28.3 U	28.6 U
Polycyclic Aromatic Hydrocarbons (µg/kg)						
1-Methylnaphthalene	SW8270ESIM			--	--	--
1-Methylphenanthrene	SW8270ESIM			--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM			--	--	--
2,6-Dimethylnaphthalene	SW8270ESIM			--	--	--
2-Methylnaphthalene	SW8270E			3.15 U	2.83 U	1.56 J
2-Methylnaphthalene	SW8270ESIM			--	--	--
Acenaphthene	SW8270E			116	224	16.3
Acenaphthene	SW8270ESIM			--	--	--
Acenaphthylene	SW8270E			4.43	13.1	2.86 U
Acenaphthylene	SW8270ESIM			--	--	--
Anthracene	SW8270E			3.15 U	2.83 U	2.86 U
Anthracene	SW8270ESIM			--	--	--
Benzo(a)anthracene	SW8270E			3.15 U	2.83 U	2.86 U
Benzo(a)anthracene	SW8270ESIM			--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B	
						USMPDI-055SC-B-5.8-7.8-201028	USMPDI-055SC-B-7.8-9.8-201028	USMPDI-055SC-B-9.8-11.8-201028	
						10/28/2020	10/28/2020	10/28/2020	
						5.8 - 7.8 ft	7.8 - 9.8 ft	9.8 - 11.8 ft	
						N	N	N	
						X	7623179.503	7623179.503	7623179.503
						Y	706346.391	706346.391	706346.391
	Analytical Method	Navigation Channel RAL	PTW Threshold						
Benzo(a)pyrene	SW8270E			3.15 U	2.83 U	2.86 U			
Benzo(a)pyrene	SW8270ESIM			--	--	--			
Benzo(b)fluoranthene	SW8270E			3.15 U	2.83 U	2.86 U			
Benzo(b)fluoranthene	SW8270ESIM			--	--	--			
Benzo(e)pyrene	SW8270ESIM			--	--	--			
Benzo(g,h,i)perylene	SW8270E			3.15 U	2.83 U	2.86 U			
Benzo(g,h,i)perylene	SW8270ESIM			--	--	--			
Benzo(j)fluoranthene	SW8270ESIM			--	--	--			
Benzo(j,k)fluoranthene	SW8270E			3.15 U	2.83 U	2.86 U			
Benzo(k)fluoranthene	SW8270ESIM			--	--	--			
Benzothiophene	SW8270ESIM			--	--	--			
Carbazole	SW8270ESIM			--	--	--			
Chrysene	SW8270E			3.15 U	2.83 U	2.86 U			
Chrysene	SW8270ESIM			--	--	--			
Decalin, cis-	SW8270ESIM			--	--	--			
Decalin, trans-	SW8270ESIM			--	--	--			
Dibenzo(a,h)anthracene	SW8270E			3.15 U	2.83 U	2.86 U			
Dibenzo(a,h)anthracene	SW8270ESIM			--	--	--			
Dibenzofuran	SW8270ESIM			--	--	--			
Dibenzothiophene	SW8270ESIM			--	--	--			
Fluoranthene	SW8270E			1.70 J	2.83 U	2.86 U			
Fluoranthene	SW8270ESIM			--	--	--			
Fluorene	SW8270E			17.5	18.4	4.71			
Fluorene	SW8270ESIM			--	--	--			
Indeno(1,2,3-c,d)pyrene	SW8270E			3.15 U	2.83 U	2.86 U			
Indeno(1,2,3-c,d)pyrene	SW8270ESIM			--	--	--			
Naphthalene	SW8270E		140000	5.05	6.33	8.94			
Naphthalene	SW8270ESIM		140000	--	--	--			
Perylene	SW8270ESIM			--	--	--			
Phenanthrene	SW8270E			15.9	2.24 J	2.86 U			
Phenanthrene	SW8270ESIM			--	--	--			
Pyrene	SW8270E			2.08 J	2.83 U	2.86 U			
Pyrene	SW8270ESIM			--	--	--			

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
						USMPDI-055SC-B-5.8-7.8-201028	USMPDI-055SC-B-7.8-9.8-201028	USMPDI-055SC-B-9.8-11.8-201028
	Analytical Method	Navigation Channel RAL	PTW Threshold					
					X	7623179.503	7623179.503	7623179.503
					Y	706346.391	706346.391	706346.391
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)						3.15 UT	2.83 UT	2.86 UT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)			774000			3.15 UT	2.83 UT	2.86 UT
PH-ROD Total HPAH (U = 1/2 max limit)						16.4 JT	2.83 UT	2.86 UT
PH-ROD Total LPAH (U = 1/2 max limit)						162 T	267 JT	35.8 JT
PH-ROD Total PAH (U = 1/2 max limit)		170000				178 JT	281 JT	50.1 JT
C1-Benzanthracenes/Chrysenes	SW8270ESIM					--	--	--
C1-Benzo(b)thiophene	SW8270ESIM					--	--	--
C1-Decalins	SW8270ESIM					--	--	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM					--	--	--
C1-Dibenzothiophenes	SW8270ESIM					--	--	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM					--	--	--
C1-Fluorenes	SW8270ESIM					--	--	--
C1-Naphthalenes	SW8270ESIM					--	--	--
C1-Naphthobenzothiophenes	SW8270ESIM					--	--	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM					--	--	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM					--	--	--
C2-Benzo(b)thiophene	SW8270ESIM					--	--	--
C2-Decalins	SW8270ESIM					--	--	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM					--	--	--
C2-Dibenzothiophenes	SW8270ESIM					--	--	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM					--	--	--
C2-Fluorenes	SW8270ESIM					--	--	--
C2-Naphthalenes	SW8270ESIM					--	--	--
C2-Naphthobenzothiophenes	SW8270ESIM					--	--	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM					--	--	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM					--	--	--
C3-Benzo(b)thiophene	SW8270ESIM					--	--	--
C3-Decalins	SW8270ESIM					--	--	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM					--	--	--
C3-Dibenzothiophenes	SW8270ESIM					--	--	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM					--	--	--
C3-Fluorenes	SW8270ESIM					--	--	--
C3-Naphthalenes	SW8270ESIM					--	--	--

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID	Sample ID	Sample Date	Depth	Sample Type	USMPDI-055SC-B		USMPDI-055SC-B		USMPDI-055SC-B	
						USMPDI-055SC-B-5.8-7.8-201028	USMPDI-055SC-B-7.8-9.8-201028	USMPDI-055SC-B-7.8-9.8-201028	USMPDI-055SC-B-9.8-11.8-201028		
			10/28/2020	5.8 - 7.8 ft	N	7623179.503	7623179.503	7623179.503	7623179.503	7623179.503	7623179.503
					X	706346.391	706346.391	706346.391	706346.391	706346.391	706346.391
					Y						
Analytical Method	Navigation Channel RAL	PTW Threshold									
C3-Naphthobenzothiophenes	SW8270ESIM					--	--	--	--	--	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM					--	--	--	--	--	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM					--	--	--	--	--	--
C4-Decalins	SW8270ESIM					--	--	--	--	--	--
C4-Dibenzothiophenes	SW8270ESIM					--	--	--	--	--	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM					--	--	--	--	--	--
C4-Naphthalenes	SW8270ESIM					--	--	--	--	--	--
C4-Naphthobenzothiophenes	SW8270ESIM					--	--	--	--	--	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM					--	--	--	--	--	--
Pesticides (µg/kg)											
2,4'-DDD (o,p'-DDD)	SW8081B					2.60 U	2.39 U	2.34 U			
2,4'-DDE (o,p'-DDE)	SW8081B					2.60 U	2.39 U	2.34 U			
2,4'-DDT (o,p'-DDT)	SW8081B					2.60 U	2.39 U	2.34 U			
4,4'-DDD (p,p'-DDD)	SW8081B					2.60 U	2.39 U	2.34 U			
4,4'-DDE (p,p'-DDE)	SW8081B					2.60 U	2.39 U	2.34 U			
4,4'-DDT (p,p'-DDT)	SW8081B					2.60 U	2.39 U	2.34 U			
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)						2.60 UT	2.39 UT	2.34 UT			
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)						2.60 UT	2.39 UT	2.34 UT			
PH-ROD Sum DDD (U = 1/2 max limit)						2.60 UT	2.39 UT	2.34 UT			
PH-ROD Sum DDE (U = 1/2 max limit)						2.60 UT	2.39 UT	2.34 UT			
PH-ROD Sum DDT (U = 1/2 max limit)						2.60 UT	2.39 UT	2.34 UT			
PH-ROD Total DDx (U = 1/2 max limit)					7050	2.60 UT	2.39 UT	2.34 UT			
Herbicides (µg/kg)											
2,4,5-TP (Silvex)	SW8151A					65 U	61 U	59 U			
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A					65 U	61 U	59 U			
Dioxin Furans (µg/kg)											
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.01	--	--	--			
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.01	--	--	--			
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B					--	--	--			
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B					--	--	--			
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B					--	--	--			
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B					--	--	--			
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B					--	--	--			

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment


	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-B-5.8-7.8-201028	USMPDI-055SC-B-7.8-9.8-201028	USMPDI-055SC-B-9.8-11.8-201028
				10/28/2020	10/28/2020	10/28/2020
				5.8 - 7.8 ft	7.8 - 9.8 ft	9.8 - 11.8 ft
				N	N	N
				X	X	X
				7623179.503	7623179.503	7623179.503
				706346.391	706346.391	706346.391
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B			--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B			--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B			--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B			--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B		0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B		0.2	--	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B		0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B			--	--	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B			--	--	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B			--	--	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B			--	--	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B			--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)				--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)				--	--	--
PH-ROD Total PCDD/F (U = 1/2 max limit)				--	--	--
PCB Aroclors (µg/kg)						
Aroclor 1016	SW8082A			4.97 U	4.72 U	4.29 U
Aroclor 1221	SW8082A			4.97 U	4.72 U	4.29 U
Aroclor 1232	SW8082A			4.97 U	4.72 U	4.29 U
Aroclor 1242	SW8082A			4.97 U	4.72 U	4.29 U
Aroclor 1248	SW8082A			4.97 U	4.72 U	4.29 U
Aroclor 1254	SW8082A			4.97 U	4.72 U	4.29 U
Aroclor 1260	SW8082A			4.97 U	4.72 U	4.29 U
Aroclor 1262	SW8082A			4.97 U	4.72 U	4.29 U
Aroclor 1268	SW8082A			4.97 U	4.72 U	4.29 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)			200	4.97 UT	4.72 UT	4.29 UT


Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

	Location ID			USMPDI-055SC-B	USMPDI-055SC-B	USMPDI-055SC-B
	Analytical Method	Navigation Channel RAL	PTW Threshold	USMPDI-055SC-B-5.8-7.8-201028	USMPDI-055SC-B-7.8-9.8-201028	USMPDI-055SC-B-9.8-11.8-201028
				Sample ID		
				Sample Date		
				Depth		
				Sample Type		
				X		
				Y		
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range hydrocarbons	NWTPHDx			--	--	--
Motor oil range hydrocarbons	NWTPHDx			--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)						
C10-C12 Aliphatics unadjusted	WAEPH			4.04 UJ	2.44 UJ	2.38 UJ

Table 4-4a
Data Summary: Navigation Channel Subsurface Sediment

Notes:

 Detected concentration is greater than the Navigation Channel RAL

 Detected concentration is greater than the PTW threshold

Bold: Detected result

µg/kg: microgram per kilogram

J: Estimated value

JT: Estimated value (calculated result)

N: Presumptive Evidence

PCB: polychlorinated biphenyl

PH: Portland Harbor

PTW: principal threat waste

RAL: remedial action level

T: Calculated or averaged result

U: Compound analyzed for, but not detected above detection limit

UT: Compound analyzed for, but not detected above detection limit (calculated result)

UJ: Compound analyzed for, but not detected above estimated detection limit

UJT: Compound analyzed for, but not detected above estimated detection limit (calculated result)

Table 4-4b
Statistical Summary: Subsurface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
Conventional Parameters (unitless)											
Specific gravity	1	1	100%	2.69	2.69	2.69	2.69	--	--	--	--
Conventional Parameters (mg/kg)											
Cyanide	13	6	46%	0.33	0.0688	0.203	0.205	--	--	--	--
Conventional Parameters (pct)											
Moisture (water) content	1	1	100%	25	25	25	25	--	--	--	--
Total organic carbon	19	19	100%	2.1	0.025	0.439	0.055	--	--	--	--
Total Solids	21	21	100%	90.8	50.9	78.6	82.7	--	--	--	--
Grain Size (pct)											
Gravel	1	0	0%	--	--	--	--	--	--	--	--
Sand	1	1	100%	78.8	78.8	78.8	78.8	--	--	--	--
Total fines (Reported, not calculated)	1	1	100%	21.2	21.2	21.2	21.2	--	--	--	--
Percent passing 4750 micron sieve (#4)	1	1	100%	100	100	100	100	--	--	--	--
Percent passing 2000 micron sieve (#10)	1	1	100%	100	100	100	100	--	--	--	--
Percent passing 110 micron sieve (#140)	1	1	100%	22	22	22	22	--	--	--	--
Percent passing 850 micron sieve (#20)	1	1	100%	100	100	100	100	--	--	--	--
Percent passing 425 micron sieve (#40)	1	1	100%	97	97	97	97	--	--	--	--
Percent passing 250 micron sieve (#60)	1	1	100%	43	43	43	43	--	--	--	--
Percent passing 150 micron sieve (#100)	1	1	100%	24	24	24	24	--	--	--	--
Percent passing 75 micron sieve (#200)	1	1	100%	21	21	21	21	--	--	--	--
Metals (mg/kg)											
Arsenic	13	13	100%	3.01	2.59	2.77	2.74	--	--	--	--
Cadmium	13	0	0%	--	--	--	--	--	--	--	--
Chromium	13	13	100%	16.6	9.9	13.1	13.4	--	--	--	--
Copper	13	13	100%	16.3	13.5	14.7	14.7	--	--	--	--
Lead	13	13	100%	2.82	2.21	2.53	2.59	--	--	--	--
Manganese	13	13	100%	322	252	268	264	--	--	--	--
Vanadium	13	13	100%	61.3	47.8	56.2	57.7	--	--	--	--
Zinc	13	13	100%	43.9	38.8	41.3	42	--	--	--	--
Volatile Organics (µg/kg)											
1,1-Dichloroethene	13	0	0%	--	--	--	--	--	--	--	--
1,2-Dichloroethene, cis-	13	0	0%	--	--	--	--	--	--	--	--
Benzene	13	0	0%	--	--	--	--	--	--	--	--
Chlorobenzene	13	0	0%	--	--	--	--	320	--	--	--
Ethylbenzene	13	0	0%	--	--	--	--	--	--	--	--
m,p-Xylene	13	0	0%	--	--	--	--	--	--	--	--
o-Xylene	13	0	0%	--	--	--	--	--	--	--	--
Tetrachloroethene (PCE)	13	0	0%	--	--	--	--	--	--	--	--
Toluene	13	0	0%	--	--	--	--	--	--	--	--
Trichloroethene (TCE)	13	0	0%	--	--	--	--	--	--	--	--

Table 4-4b

Statistical Summary: Subsurface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
Vinyl chloride	13	0	0%	--	--	--	--	--	--	--	--
Semivolatile Organics (µg/kg)											
Benzo(b)naphtho(2,1-d)thiophene	2	2	100%	688	18.4	353	353	--	--	--	--
Biphenyl (1,1'-Biphenyl)	2	2	100%	97.6	1.2	49.4	49.4	--	--	--	--
Pentachlorophenol	13	0	0%	--	--	--	--	--	--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)											
1-Methylnaphthalene	2	2	100%	187	1.6	94.3	94.3	--	--	--	--
1-Methylphenanthrene	2	2	100%	627	17.1	322	322	--	--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	2	2	100%	107	3.2	55.1	55.1	--	--	--	--
2,6-Dimethylnaphthalene	2	2	100%	216	2.9	109	109	--	--	--	--
2-Methylnaphthalene	19	7	37%	306	1.56	66.3	6.08	--	--	--	--
Acenaphthene	19	19	100%	1200	7.61	180	36.2	--	--	--	--
Acenaphthylene	19	7	37%	320	4.43	93.5	13.1	--	--	--	--
Anthracene	19	6	32%	905	6.06	241	22.6	--	--	--	--
Benzo(a)anthracene	19	6	32%	3510	1.44	884	62	--	--	--	--
Benzo(a)pyrene	19	6	32%	4270	2.26	1160	74.2	--	--	--	--
Benzo(b)fluoranthene	19	6	32%	2730	1.99	849	52.3	--	--	--	--
Benzo(e)pyrene	2	2	100%	2840	68.3	1450	1450	--	--	--	--
Benzo(g,h,i)perylene	19	6	32%	2510	1.98	746	50.6	--	--	--	--
Benzo(j)fluoranthene	2	2	100%	1760	42.6	901	901	--	--	--	--
Benzo(j,k)fluoranthene	17	2	12%	750	13.9	382	382	--	--	--	--
Benzo(k)fluoranthene	2	2	100%	1670	41.9	856	856	--	--	--	--
Benzothiophene	2	1	50%	64.2	64.2	64.2	64.2	--	--	--	--
Carbazole	2	2	100%	287	3.2	145	145	--	--	--	--
Chrysene	19	6	32%	4380	1.87	1080	80.3	--	--	--	--
Decalin, cis-	2	0	0%	--	--	--	--	--	--	--	--
Decalin, trans-	2	1	50%	3.6	3.6	3.6	3.6	--	--	--	--
Dibenzo(a,h)anthracene	19	3	16%	402	10.1	219	246	--	--	--	--
Dibenzofuran	2	2	100%	117	0.7	58.8	58.9	--	--	--	--
Dibenzothiophene	2	2	100%	432	8.9	220	220	--	--	--	--
Fluoranthene	19	9	47%	7280	1.7	1280	147	--	--	--	--
Fluorene	19	17	89%	801	2.01	86.3	15.6	--	--	--	--
Indeno(1,2,3-c,d)pyrene	19	6	32%	2330	1.66	657	42.1	--	--	--	--
Naphthalene	19	10	53%	782	3.04	152	11.7	140000	--	--	--
Perylene	2	2	100%	1060	37.5	549	549	--	--	--	--
Phenanthrene	19	10	53%	6080	2.24	991	159	--	--	--	--
Pyrene	19	10	53%	8840	1.45	1330	90.3	--	--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)	19	6	32%	6160	3.29	1570	102	--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)	19	6	32%	5550	4.08	1510	98.1	774000	--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)	19	10	53%	39700	16.4	6200	265	--	--	--	--

Table 4-4b

Statistical Summary: Subsurface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
PH-ROD Total LPAH (U = 1/2 max limit)	19	19	100%	10000	17.7	985	126	--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)	19	19	100%	50000	30.9	4310	178	--	170000	--	--
C1-Benzanthracenes/Chrysenes	2	2	100%	3550	55.6	1800	1800	--	--	--	--
C1-Benzo(b)thiophene	2	2	100%	58.1	1.1	29.6	29.6	--	--	--	--
C1-Decalins	2	1	50%	52.1	52.1	52.1	52.1	--	--	--	--
C1-Dibenz(a,h)anthracenes	2	2	100%	555	10.2	283	283	--	--	--	--
C1-Dibenzothiophenes	2	2	100%	548	13.9	281	281	--	--	--	--
C1-Fluoranthenes/Pyrenes	2	2	100%	4520	83.8	2300	2300	--	--	--	--
C1-Fluorenes	2	2	100%	521	10.7	266	266	--	--	--	--
C1-Naphthalenes	2	2	100%	468	3	236	236	--	--	--	--
C1-Naphthobenzothiophenes	2	2	100%	475	9.1	242	242	--	--	--	--
C1-Phenanthrenes/Anthracenes	2	2	100%	2880	73.4	1480	1480	--	--	--	--
C2-Benzanthracenes/Chrysenes	2	2	100%	2350	21.5	1190	1190	--	--	--	--
C2-Benzo(b)thiophene	2	1	50%	133	133	133	133	--	--	--	--
C2-Decalins	2	1	50%	172	172	172	172	--	--	--	--
C2-Dibenz(a,h)anthracenes	2	2	100%	227	3.8	115	115	--	--	--	--
C2-Dibenzothiophenes	2	2	100%	730	17.9	374	374	--	--	--	--
C2-Fluoranthenes/Pyrenes	2	2	100%	2720	31.9	1380	1380	--	--	--	--
C2-Fluorenes	2	2	100%	554	16.5	285	285	--	--	--	--
C2-Naphthalenes	2	2	100%	681	10.2	346	346	--	--	--	--
C2-Naphthobenzothiophenes	2	2	100%	788	7.5	398	398	--	--	--	--
C2-Phenanthrenes/Anthracenes	2	2	100%	2390	52.9	1220	1220	--	--	--	--
C3-Benzanthracenes/Chrysenes	2	2	100%	1040	10	525	525	--	--	--	--
C3-Benzo(b)thiophene	2	2	100%	171	0.7	85.8	85.8	--	--	--	--
C3-Decalins	2	2	100%	120	4.6	62.3	62.3	--	--	--	--
C3-Dibenz(a,h)anthracenes	2	2	100%	53.5	2.3	27.9	27.9	--	--	--	--
C3-Dibenzothiophenes	2	2	100%	601	13.4	307	307	--	--	--	--
C3-Fluoranthenes/Pyrenes	2	2	100%	1690	16.2	853	853	--	--	--	--
C3-Fluorenes	2	2	100%	556	16.2	286	286	--	--	--	--
C3-Naphthalenes	2	2	100%	814	27.5	421	421	--	--	--	--
C3-Naphthobenzothiophenes	2	2	100%	412	4.3	208	208	--	--	--	--
C3-Phenanthrenes/Anthracenes	2	2	100%	1660	27.9	844	844	--	--	--	--
C4-Benzanthracenes/Chrysenes	2	2	100%	428	3.1	216	216	--	--	--	--
C4-Decalins	2	2	100%	230	12.1	121	121	--	--	--	--
C4-Dibenzothiophenes	2	2	100%	291	5.5	148	148	--	--	--	--
C4-Fluoranthenes/Pyrenes	2	2	100%	1020	26.7	523	523	--	--	--	--
C4-Naphthalenes	2	2	100%	473	17.4	245	245	--	--	--	--
C4-Naphthobenzothiophenes	2	1	50%	192	192	192	192	--	--	--	--
C4-Phenanthrenes/Anthracenes	2	2	100%	696	8.6	352	352	--	--	--	--
Pesticides (µg/kg)											

Table 4-4b
Statistical Summary: Subsurface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
2,4'-DDD (o,p'-DDD)	19	0	0%	--	--	--	--	--	--	--	--
2,4'-DDE (o,p'-DDE)	19	0	0%	--	--	--	--	--	--	--	--
2,4'-DDT (o,p'-DDT)	19	0	0%	--	--	--	--	--	--	--	--
4,4'-DDD (p,p'-DDD)	19	2	11%	30	9.02	19.5	19.5	--	--	--	--
4,4'-DDE (p,p'-DDE)	19	0	0%	--	--	--	--	--	--	--	--
4,4'-DDT (p,p'-DDT)	19	0	0%	--	--	--	--	--	--	--	--
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)	19	0	0%	--	--	--	--	--	--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)	19	2	11%	41.8	12.8	27.3	27.3	--	--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)	19	2	11%	37.5	11.2	24.3	24.3	--	--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)	19	0	0%	--	--	--	--	--	--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)	19	0	0%	--	--	--	--	--	--	--	--
PH-ROD Total DDx (U = 1/2 max limit)	19	2	11%	58.1	18	38	38	7050	650	--	--
Herbicides (µg/kg)											
2,4,5-TP (Silvex)	13	0	0%	--	--	--	--	--	--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	13	0	0%	--	--	--	--	--	--	--	--
Dioxin Furans (µg/kg)											
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	8	3	38%	0.000321	0.000168	0.000264	0.000304	0.01	0.002	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	8	3	38%	0.000556	0.000183	0.000405	0.000475	0.01	0.003	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	8	2	25%	0.00066	0.000576	0.000618	0.000618	--	--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	8	2	25%	0.00573	0.00292	0.00432	0.00433	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	8	2	25%	0.00222	0.00141	0.00181	0.00182	--	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	8	8	100%	0.0924	0.00125	0.0223	0.00231	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	8	8	100%	1.13	0.0113	0.251	0.0276	--	--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	8	6	75%	0.00326	0.000227	0.00184	0.0019	--	--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	8	6	75%	0.00594	0.000241	0.00229	0.00131	--	--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	8	8	100%	0.0412	0.00121	0.0106	0.00267	--	--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	8	8	100%	0.243	0.00314	0.0603	0.00639	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	8	5	63%	0.0156	9.23E-05	0.00467	0.000308	0.6	--	--	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	8	5	63%	0.0387	6.62E-05	0.00933	0.00033	--	--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	8	4	50%	0.0189	7.17E-05	0.00601	0.00253	0.2	1	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	8	5	63%	0.0531	0.000104	0.0129	0.000545	0.4	--	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	8	4	50%	0.019	0.000102	0.0055	0.00144	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	8	2	25%	0.00174	0.000389	0.00106	0.00106	--	--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	8	2	25%	0.00539	0.00119	0.00329	0.00329	--	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	8	5	63%	0.0339	0.000126	0.00952	0.00075	--	--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	8	3	38%	0.00737	0.00027	0.00323	0.00204	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	8	5	63%	0.0686	0.000315	0.0206	0.00108	--	--	--	--
Total Tetrachlorodibenzofuran (TCDF)	8	7	88%	0.0398	0.000226	0.00946	0.000298	--	--	--	--
Total Pentachlorodibenzofuran (PeCDF)	8	5	63%	0.0983	6.62E-05	0.0254	0.000628	--	--	--	--
Total Hexachlorodibenzofuran (HxCDF)	8	5	63%	0.109	0.000104	0.0282	0.00104	--	--	--	--

**Table 4-4b
Statistical Summary: Subsurface Sediment Navigation Channel RAL and PTW-Highly Toxic Threshold Exceedances**

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Navigation Channel RAL	PTW Threshold Exceedance Count	Navigation Channel RAL Exceedance Count
Total Heptachlorodibenzofuran (HpCDF)	8	5	63%	0.0855	0.000126	0.0247	0.00154	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)	8	8	100%	0.0481	0.000187	0.00826	0.00048	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)	8	8	100%	0.022	0.000179	0.00373	0.000324	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)	8	8	100%	0.0197	0.000186	0.00347	0.000321	--	--	--	--
PCB Aroclors (µg/kg)											
Aroclor 1016	19	0	0%	--	--	--	--	--	--	--	--
Aroclor 1221	19	0	0%	--	--	--	--	--	--	--	--
Aroclor 1232	19	0	0%	--	--	--	--	--	--	--	--
Aroclor 1242	19	2	11%	7.04	3.3	5.17	5.17	--	--	--	--
Aroclor 1248	19	0	0%	--	--	--	--	--	--	--	--
Aroclor 1254	19	0	0%	--	--	--	--	--	--	--	--
Aroclor 1260	19	2	11%	9.16	5.84	7.5	7.5	--	--	--	--
Aroclor 1262	19	0	0%	--	--	--	--	--	--	--	--
Aroclor 1268	19	0	0%	--	--	--	--	--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)	19	2	11%	47.6	30.8	39.2	39.2	200	1000	--	--
Total Petroleum Hydrocarbons (mg/kg)											
Diesel range hydrocarbons	2	1	50%	162	162	162	162	--	--	--	--
Motor oil range hydrocarbons	2	1	50%	386	386	386	386	--	--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)											
C10-C12 Aliphatics unadjusted	13	0	0%	--	--	--	--	--	--	--	--

Notes:
µg/kg: microgram per kilogram
CUL: cleanup level
EPA: U.S. Environmental Protection Agency
mg/kg: milligram per kilogram
PCB: polychlorinated biphenyl
PTW: principal threat waste
RAL: remedial action level
ROD: Record of Decision – Portland Harbor Superfund Site, Portland, Oregon

Table 4-5a
Data Summary: Riverbank Surface Soil

	Location ID	USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A
	Sample ID	USMPDI-073SS-210330	USMPDI-073SS-B-210330	USMPDI-077SS-210330	USMPDI-077SS-A-210330
	Sample Date	3/30/2021	3/30/2021	3/30/2021	3/30/2021
	Depth	0 - 12 in	0 - 12 in	0 - 12 in	0 - 12 in
	Sample Type	N	N	N	N
	X	7622016.74	7622018.14	7622364.79	7622364.79
	Y	706879.30	706874.15	706412.49	706412.49
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	
Conventional Parameters (mg/kg)					
Cyanide	D7511-12			0.176	--
Conventional Parameters (pct)					
Total organic carbon	SM5310BM			0.56	--
Total Solids	SM2540G			87.7	87.7
Metals (mg/kg)					
Arsenic	SW6020B	3		3.98	4.15
Cadmium	SW6020B	0.51		0.232 U	0.221 J
Chromium	SW6020B			13.3	33
Copper	SW6020B	359		28.4 J	41.2 J
Lead	SW6020B	196		26.5 J	331 J
Manganese	SW6020B			242 J	1230 J
Mercury	SW6020B	0.085		0.0929 U	0.0654 J
Vanadium	SW6020B			35.2	65.4
Zinc	SW6020B	459		56.6	108
Organometals (µg/kg)					
Tributyltin (ion)	SW8270ESIM	3080		3.86 UJ	3.85 UJ
Volatile Organics (µg/kg)					
1,1-Dichloroethene	SW8260D			--	30.9 U
1,2-Dichloroethene, cis-	SW8260D			--	30.9 U
Benzene	SW8260D			--	12.4 U
Chlorobenzene	SW8260D		320	--	30.9 U
Ethylbenzene	SW8260D			--	30.9 U
m,p-Xylene	SW8260D			--	61.8 U
o-Xylene	SW8260D			--	30.9 U
Tetrachloroethene (PCE)	SW8260D			--	30.9 U
Toluene	SW8260D			--	61.8 U
Trichloroethene (TCE)	SW8260D			--	30.9 U
Vinyl chloride	SW8260D			--	30.9 U
PH-ROD Total BTEX (U = 1/2 max limit)				--	61.8 UT
PH-ROD Total Xylene (U = 1/2 max limit)				--	61.8 UT
Semivolatile Organics (µg/kg)					
Benzo(b)naphtho(2,1-d)thiophene	SW8270ESIM			28.8	18.8

Table 4-5a
Data Summary: Riverbank Surface Soil

	Location ID				USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-073SS-210330	USMPDI-073SS-B-210330	USMPDI-077SS-210330	USMPDI-077SS-A-210330
					Sample Date	Sample Date	Sample Date	Sample Date
					3/30/2021	3/30/2021	3/30/2021	3/30/2021
					0 - 12 in	0 - 12 in	0 - 12 in	0 - 12 in
					N	N	N	N
					X	7622016.74	7622364.79	7622364.79
					Y	706879.30	706874.15	706412.49
Biphenyl (1,1'-Biphenyl)	SW8270ESIM				3.5 J	--	2.5 J	--
Bis(2-ethylhexyl)phthalate	SW8270E	135			31.6 J	--	206 U	--
Pentachlorophenol	SW8270E				15.1 J	--	138 U	--
Polycyclic Aromatic Hydrocarbons (µg/kg)								
1-Methylnaphthalene	SW8270ESIM				5.0 U	--	5.0 U	--
1-Methylphenanthrene	SW8270ESIM				14.7	--	10.9	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	SW8270ESIM				1.5 J	--	1.3 J	--
2,6-Dimethylnaphthalene	SW8270ESIM				1.2 J	--	1.5 J	--
2-Methylnaphthalene	SW8270ESIM				5.8 U	--	6.6 U	--
Acenaphthene	SW8270ESIM				14.2	--	10.3	--
Acenaphthylene	SW8270ESIM				13.6 J	--	5.5 J	--
Anthracene	SW8270ESIM				21.1	--	11.3	--
Benzo(a)anthracene	SW8270ESIM				160	--	94.7	--
Benzo(a)pyrene	SW8270ESIM				288	--	137 J	--
Benzo(b)fluoranthene	SW8270ESIM				224	--	119	--
Benzo(e)pyrene	SW8270ESIM				241	--	131	--
Benzo(g,h,i)perylene	SW8270ESIM				412	--	192	--
Benzo(j)fluoranthene	SW8270ESIM				122	--	65.3	--
Benzo(k)fluoranthene	SW8270ESIM				105	--	65	--
Benzothiophene	SW8270ESIM				1.4 J	--	1.3 J	--
Carbazole	SW8270ESIM				8.9	--	7.6	--
Chrysene	SW8270ESIM				203	--	135 J	--
Decalin, cis-	SW8270ESIM				5.0 U	--	5.0 U	--
Decalin, trans-	SW8270ESIM				5.0 U	--	5.0 U	--
Dibenzo(a,h)anthracene	SW8270ESIM				24.8	--	13.9	--
Dibenzofuran	SW8270ESIM				6	--	2.1 J	--
Dibenzothiophene	SW8270ESIM				8.9	--	6	--
Fluoranthene	SW8270ESIM				375	--	181	--
Fluorene	SW8270ESIM				8.9	--	3.5 J	--
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				240	--	125	--
Naphthalene	SW8270ESIM			140000	20.5	--	17.3	--
Perylene	SW8270ESIM				82.3	--	44.1	--
Phenanthrene	SW8270ESIM				120	--	66.7	--

Table 4-5a
Data Summary: Riverbank Surface Soil

	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A
					Sample ID	USMPDI-073SS-210330	USMPDI-073SS-B-210330	USMPDI-077SS-210330	USMPDI-077SS-A-210330
					Sample Date	3/30/2021	3/30/2021	3/30/2021	3/30/2021
					Depth	0 - 12 in	0 - 12 in	0 - 12 in	0 - 12 in
					Sample Type	N	N	N	N
					X	7622016.74	7622018.14	7622364.79	7622364.79
					Y	706879.30	706874.15	706412.49	706412.49
Pyrene	SW8270ESIM					437	--	228 J	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)						451 T	--	249 T	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000		380 T	--	186 JT	--
PH-ROD Total HPAH (U = 1/2 max limit)						2600 T	--	1360 JT	--
PH-ROD Total LPAH (U = 1/2 max limit)						200 JT	--	120 JT	--
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000			2800 JT	--	1500 JT	--
C1-Benzanthracenes/Chrysenes	SW8270ESIM					82.7	--	86	--
C1-Benzo(b)thiophene	SW8270ESIM					5.0 U	--	5.0 U	--
C1-Decalins	SW8270ESIM					2.5 J	--	5.0 U	--
C1-Dibenz(a,h)anthracenes	SW8270ESIM					21.8	--	4.5 J	--
C1-Dibenzothiophenes	SW8270ESIM					7.2	--	6.2	--
C1-Fluoranthenes/Pyrenes	SW8270ESIM					115	--	79.5	--
C1-Fluorenes	SW8270ESIM					4.0 J	--	2.5 J	--
C1-Naphthalenes	SW8270ESIM					5.3	--	6.1	--
C1-Naphthobenzothiophenes	SW8270ESIM					18.2	--	17.3	--
C1-Phenanthrenes/Anthracenes	SW8270ESIM					46.8	--	38.1	--
C2-Benzanthracenes/Chrysenes	SW8270ESIM					30.1	--	53.9	--
C2-Benzo(b)thiophene	SW8270ESIM					5.0 U	--	5.0 U	--
C2-Decalins	SW8270ESIM					4.1 J	--	3.3 J	--
C2-Dibenz(a,h)anthracenes	SW8270ESIM					5.0 J	--	9.5	--
C2-Dibenzothiophenes	SW8270ESIM					8.3	--	8.2	--
C2-Fluoranthenes/Pyrenes	SW8270ESIM					44.8	--	51.7	--
C2-Fluorenes	SW8270ESIM					3.6 J	--	4.2 J	--
C2-Naphthalenes	SW8270ESIM					5.8	--	5.8	--
C2-Naphthobenzothiophenes	SW8270ESIM					8.6	--	18.8	--
C2-Phenanthrenes/Anthracenes	SW8270ESIM					32.6	--	33.6	--
C3-Benzanthracenes/Chrysenes	SW8270ESIM					13.1	--	37.6	--
C3-Benzo(b)thiophene	SW8270ESIM					5.0 U	--	5.0 U	--
C3-Decalins	SW8270ESIM					1.9 J	--	1.6 J	--
C3-Dibenz(a,h)anthracenes	SW8270ESIM					2.3 J	--	6.3	--
C3-Dibenzothiophenes	SW8270ESIM					4.9 J	--	7.4	--
C3-Fluoranthenes/Pyrenes	SW8270ESIM					18.5	--	15.7	--
C3-Fluorenes	SW8270ESIM					3.2 J	--	2.7 J	--

Table 4-5a
Data Summary: Riverbank Surface Soil

	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A
					Sample ID	USMPDI-073SS-210330	USMPDI-073SS-B-210330	USMPDI-077SS-210330	USMPDI-077SS-A-210330
					Sample Date	3/30/2021	3/30/2021	3/30/2021	3/30/2021
					Depth	0 - 12 in	0 - 12 in	0 - 12 in	0 - 12 in
					Sample Type	N	N	N	N
					X	7622016.74	7622018.14	7622364.79	7622364.79
					Y	706879.30	706874.15	706412.49	706412.49
C3-Naphthalenes	SW8270ESIM					5.2	--	4.5 J	--
C3-Naphthobenzothiophenes	SW8270ESIM					6.3	--	14.2	--
C3-Phenanthrenes/Anthracenes	SW8270ESIM					16.1	--	19.4	--
C4-Benzanthracenes/Chrysenes	SW8270ESIM					5.3	--	16.4	--
C4-Decalins	SW8270ESIM					5.0 U	--	5.0 U	--
C4-Dibenzothiophenes	SW8270ESIM					5.0 U	--	5.0 U	--
C4-Fluoranthenes/Pyrenes	SW8270ESIM					35.1	--	30.6	--
C4-Naphthalenes	SW8270ESIM					1.3 J	--	3.1 J	--
C4-Naphthobenzothiophenes	SW8270ESIM					5.0 U	--	9.8	--
C4-Phenanthrenes/Anthracenes	SW8270ESIM					6.3	--	14.6	--
Pesticides (µg/kg)									
2,4'-DDD (o,p'-DDD)	E1699					0.266	--	0.0325	--
2,4'-DDE (o,p'-DDE)	E1699					0.0149 J	--	0.0137 J	--
2,4'-DDT (o,p'-DDT)	E1699					0.282	--	0.26 J	--
4,4'-DDD (p,p'-DDD)	E1699					0.63	--	0.115	--
4,4'-DDE (p,p'-DDE)	E1699					0.203	--	0.363	--
4,4'-DDT (p,p'-DDT)	E1699					2.42	--	2.04	--
Aldrin	E1699	2				0.00166 U	--	0.0215 J	--
Chlordane, alpha- (Chlordane, cis-)	E1699					0.00709 U	--	0.138 J	--
Chlordane, beta- (Chlordane, trans-)	E1699					0.00844 U	--	0.117	--
Dieldrin	E1699	0.07				0.0297 J	--	0.132	--
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5				0.00189 U	--	0.00288 J	--
Nonachlor, cis-	E1699					0.00400 U	--	0.0685	--
Nonachlor, trans-	E1699					0.0226 J	--	0.198 J	--
Oxychlordane	E1699					0.00791 U	--	0.039	--
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)						0.563 JT	--	0.31 JT	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)						3.3 T	--	2.52 T	--
PH-ROD Sum DDD (U = 1/2 max limit)		114				0.90 T	--	0.148 T	--
PH-ROD Sum DDE (U = 1/2 max limit)		50				0.218 JT	--	0.377 JT	--
PH-ROD Sum DDT (U = 1/2 max limit)		246				2.70 T	--	2.3 JT	--
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4				0.0363 JT	--	0.561 JT	--
PH-ROD Total DDx (U = 1/2 max limit)		6.1	160	7050		3.8 JT	--	2.8 JT	--
Herbicides (µg/kg)									

Table 4-5a
Data Summary: Riverbank Surface Soil

	Location ID				USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-073SS-210330	USMPDI-073SS-B-210330	USMPDI-077SS-210330	USMPDI-077SS-A-210330
					Sample ID	Sample Date	Depth	Sample Type
					3/30/2021	0 - 12 in	N	
					X	7622016.74	7622018.14	7622364.79
					Y	706879.30	706874.15	706412.49
2,4,5-TP (Silvex)	SW8151A				57 U	--	63 U	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				57 U	--	63 U	--
Dioxin Furans (µg/kg)								
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.000165 U	--	0.0000861 U	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.000789 J	--	0.000328 J	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00171 J	--	0.000149 U	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00525	--	0.00139 J	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00335	--	0.000767 J	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.114	--	0.0313	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.949	--	0.31 J	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.000512	--	0.000269	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.00418 J	--	0.00212 J	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.0412	--	0.00937	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.208	--	0.06	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000867	--	0.000237 J	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.00140 J	--	0.000226 J	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.00215 J	--	0.000631 J	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.00477	--	0.000410 J	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.00139 J	--	0.000287 J	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000312 J	--	0.000140 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.00142 J	--	0.000437 J	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.0141	--	0.00485	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.00183 J	--	0.000155 J	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.0276	--	0.00994	--
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.00423 J	--	0.00231 J	--
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.0176 J	--	0.00348 J	--
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.0317	--	0.00837 J	--
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.0490 J	--	0.0131 J	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.00566 JT	--	0.0016 JT	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.00416 JT	--	0.0010 JT	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.00506 JT	--	0.0014 JT	--
PH-ROD Total PCDD/F (U = 1/2 max limit)					1.13 JT	--	0.36 JT	--
PCB Congeners (µg/kg)								

Table 4-5a
Data Summary: Riverbank Surface Soil

					Location ID	USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	Sample ID	USMPDI-073SS-210330	USMPDI-073SS-B-210330	USMPDI-077SS-210330	USMPDI-077SS-A-210330
					Sample Date	3/30/2021	3/30/2021	3/30/2021	3/30/2021
					Depth	0 - 12 in	0 - 12 in	0 - 12 in	0 - 12 in
					Sample Type	N	N	N	N
					X	7622016.74	7622018.14	7622364.79	7622364.79
					Y	706879.30	706874.15	706412.49	706412.49
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold					
PCB-001	E1668A				0.000899 J	--	0.000237 U	--	
PCB-002	E1668A				0.000858 J	--	0.000268 U	--	
PCB-003	E1668A				0.00134 J	--	0.00138 J	--	
PCB-004/010	E1668A				0.000828 U	--	0.000926 U	--	
PCB-005/008	E1668A				0.0000962 U	--	0.00494 J	--	
PCB-006	E1668A				0.000649 U	--	0.000749 U	--	
PCB-007/009	E1668A				0.000689 U	--	0.000794 U	--	
PCB-011	E1668A				0.0477	--	0.000807 U	--	
PCB-012/013	E1668A				0.000676 U	--	0.000884 U	--	
PCB-014	E1668A				0.000673 U	--	0.000880 U	--	
PCB-015	E1668A				0.00563	--	0.0128	--	
PCB-016/032	E1668A				0.00469 J	--	0.0137	--	
PCB-017	E1668A				0.00363 J	--	0.0085	--	
PCB-018	E1668A				0.00737	--	0.0193	--	
PCB-019	E1668A				0.000441 U	--	0.00151 J	--	
PCB-020/021/033	E1668A				0.00535 J	--	0.0135 J	--	
PCB-022	E1668A				0.00301 J	--	0.0117	--	
PCB-023	E1668A				0.000428 U	--	0.000510 U	--	
PCB-024/027	E1668A				0.000340 U	--	0.00159 J	--	
PCB-025	E1668A				0.000417 U	--	0.00205 J	--	
PCB-026	E1668A				0.000417 U	--	0.00493	--	
PCB-028	E1668A				0.00862	--	0.0291	--	
PCB-029	E1668A				0.000443 U	--	0.000528 U	--	
PCB-030	E1668A				0.000278 U	--	0.000310 U	--	
PCB-031	E1668A				0.00831	--	0.0242	--	
PCB-034	E1668A				0.000435 U	--	0.000518 U	--	
PCB-035	E1668A				0.000452 U	--	0.00192 J	--	
PCB-036	E1668A				0.000443 U	--	0.000489 U	--	
PCB-037	E1668A				0.00613	--	0.0179	--	
PCB-038	E1668A				0.000450 U	--	0.000498 U	--	
PCB-039	E1668A				0.000471 U	--	0.000521 U	--	
PCB-040	E1668A				0.00207 J	--	0.00658	--	
PCB-041/064/071/072	E1668A				0.0126 J	--	0.0278	--	

**Table 4-5a
Data Summary: Riverbank Surface Soil**

					Location ID	USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	Sample ID	USMPDI-073SS-210330	USMPDI-073SS-B-210330	USMPDI-077SS-210330	USMPDI-077SS-A-210330
					Sample Date	3/30/2021	3/30/2021	3/30/2021	3/30/2021
					Depth	0 - 12 in	0 - 12 in	0 - 12 in	0 - 12 in
					Sample Type	N	N	N	N
					X	7622016.74	7622018.14	7622364.79	7622364.79
					Y	706879.30	706874.15	706412.49	706412.49
PCB-042/059	E1668A					0.00406 J	--	0.0109	--
PCB-043/049	E1668A					0.0191	--	0.0249	--
PCB-044	E1668A					0.0273	--	0.0309	--
PCB-045	E1668A					0.00168 J	--	0.00597 J	--
PCB-046	E1668A					0.000923 J	--	0.00203 J	--
PCB-047	E1668A					0.00400 J	--	0.01	--
PCB-048/075	E1668A					0.00240 J	--	0.00762 J	--
PCB-050	E1668A					0.000314 U	--	0.000343 U	--
PCB-051	E1668A					0.000675 J	--	0.00175 J	--
PCB-052/069	E1668A					0.0466	--	0.0379	--
PCB-053	E1668A					0.00252 J	--	0.00543	--
PCB-054	E1668A					0.000259 U	--	0.000282 U	--
PCB-055	E1668A					0.000656 J	--	0.00149 J	--
PCB-056/060	E1668A					0.0121	--	0.0257	--
PCB-057	E1668A					0.000246 U	--	0.000246 U	--
PCB-058	E1668A					0.000245 U	--	0.000245 U	--
PCB-061/070	E1668A					0.0421	--	0.0432	--
PCB-062	E1668A					0.000282 U	--	0.000286 U	--
PCB-063	E1668A					0.000329 J	--	0.00132 J	--
PCB-065	E1668A					0.000252 U	--	0.000255 U	--
PCB-066/076	E1668A					0.0141	--	0.029	--
PCB-067	E1668A					0.000261 U	--	0.00142 J	--
PCB-068	E1668A					0.000246 U	--	0.000890 J	--
PCB-073	E1668A					0.000231 U	--	0.000353 J	--
PCB-074	E1668A					0.00932	--	0.0156	--
PCB-077	E1668A					0.00257 J	--	0.00578	--
PCB-078	E1668A					0.000443 J	--	0.000291 U	--
PCB-079	E1668A					0.00160 J	--	0.00127 J	--
PCB-080	E1668A					0.000556 J	--	0.000882 J	--
PCB-081	E1668A					0.000355 J	--	0.000369 J	--
PCB-082	E1668A					0.0151	--	0.012	--
PCB-083	E1668A					0.000173 U	--	0.000233 U	--
PCB-084/092	E1668A					0.06	--	0.0462	--

Table 4-5a
Data Summary: Riverbank Surface Soil

	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A
					Sample ID	USMPDI-073SS-210330	USMPDI-073SS-B-210330	USMPDI-077SS-210330	USMPDI-077SS-A-210330
					Sample Date	3/30/2021	3/30/2021	3/30/2021	3/30/2021
					Depth	0 - 12 in	0 - 12 in	0 - 12 in	0 - 12 in
					Sample Type	N	N	N	N
					X	7622016.74	7622018.14	7622364.79	7622364.79
					Y	706879.30	706874.15	706412.49	706412.49
PCB-085/116	E1668A					0.0337	--	0.0235	--
PCB-086	E1668A					0.000852 J	--	0.000313 J	--
PCB-087/117/125	E1668A					0.0553	--	0.0305	--
PCB-088/091	E1668A					0.0214	--	0.023	--
PCB-089	E1668A					0.00162 J	--	0.00127 J	--
PCB-090/101	E1668A					0.157	--	0.0922 J	--
PCB-093	E1668A					0.000290 U	--	0.000405 U	--
PCB-094	E1668A					0.000266 U	--	0.000371 U	--
PCB-095/098/102	E1668A					0.0982	--	0.0815	--
PCB-096	E1668A					0.000601 J	--	0.000735 J	--
PCB-097	E1668A					0.0335	--	0.0256	--
PCB-099	E1668A					0.0786	--	0.0414 J	--
PCB-100	E1668A					0.000212 U	--	0.000141 U	--
PCB-103	E1668A					0.000551 J	--	0.000295 U	--
PCB-104	E1668A					0.000174 U	--	0.000231 U	--
PCB-105	E1668A					0.0621	--	0.0393 J	--
PCB-106/118	E1668A					0.124	--	0.0777 J	--
PCB-107/109	E1668A					0.00912 J	--	0.00566 J	--
PCB-108/112	E1668A					0.00462 J	--	0.00405 J	--
PCB-110	E1668A					0.193	--	0.191	--
PCB-111/115	E1668A					0.00232 J	--	0.00207 J	--
PCB-113	E1668A					0.00110 J	--	0.000242 U	--
PCB-114	E1668A					0.00262 J	--	0.00199 J	--
PCB-119	E1668A					0.00150 J	--	0.00260 J	--
PCB-120	E1668A					0.000525 J	--	0.000202 U	--
PCB-121	E1668A					0.000151 U	--	0.0143	--
PCB-122	E1668A					0.00198 J	--	0.00192 J	--
PCB-123	E1668A					0.00426 J	--	0.00186 J	--
PCB-124	E1668A					0.0106	--	0.00569	--
PCB-126	E1668A					0.00177 J	--	0.00117 J	--
PCB-127	E1668A					0.000390 U	--	0.000388 U	--
PCB-128/162	E1668A					0.0901	--	0.0556	--
PCB-129	E1668A					0.0167	--	0.013	--

Table 4-5a
Data Summary: Riverbank Surface Soil

	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A
					Sample ID	USMPDI-073SS-210330	USMPDI-073SS-B-210330	USMPDI-077SS-210330	USMPDI-077SS-A-210330
					Sample Date	3/30/2021	3/30/2021	3/30/2021	3/30/2021
					Depth	0 - 12 in	0 - 12 in	0 - 12 in	0 - 12 in
					Sample Type	N	N	N	N
					X	7622016.74	7622018.14	7622364.79	7622364.79
					Y	706879.30	706874.15	706412.49	706412.49
PCB-130	E1668A					0.0331	--	0.0252	--
PCB-131/133	E1668A					0.00989	--	0.00696 J	--
PCB-132/161	E1668A					0.0815	--	0.0842 J	--
PCB-134/143	E1668A					0.0130 J	--	0.0171	--
PCB-135	E1668A					0.0372	--	0.0374	--
PCB-136	E1668A					0.0285	--	0.0402	--
PCB-137	E1668A					0.0272	--	0.0164	--
PCB-138/163/164	E1668A					0.39	--	0.314	--
PCB-139/149	E1668A					0.256	--	0.246	--
PCB-140	E1668A					0.00250 J	--	0.00201 J	--
PCB-141	E1668A					0.0483	--	0.0527	--
PCB-142	E1668A					0.000419 U	--	0.000463 U	--
PCB-144	E1668A					0.00977	--	0.0123	--
PCB-145	E1668A					0.000104 U	--	0.000107 U	--
PCB-146/165	E1668A					0.0534	--	0.0436	--
PCB-147	E1668A					0.00841	--	0.00562	--
PCB-148	E1668A					0.000153 U	--	0.000158 U	--
PCB-150	E1668A					0.000311 J	--	0.000113 U	--
PCB-151	E1668A					0.0529	--	0.0535	--
PCB-152	E1668A					0.000177 J	--	0.000103 U	--
PCB-153	E1668A					0.298	--	0.245 J	--
PCB-154	E1668A					0.00389 J	--	0.00154 J	--
PCB-155	E1668A					0.000119 U	--	0.000124 U	--
PCB-156	E1668A					0.0312	--	0.0163	--
PCB-157	E1668A					0.0139	--	0.00767	--
PCB-158/160	E1668A					0.0348	--	0.0332	--
PCB-159	E1668A					0.000268 U	--	0.00578 J	--
PCB-166	E1668A					0.000734 J	--	0.000486 J	--
PCB-167	E1668A					0.0212	--	0.0115	--
PCB-168	E1668A					0.000278 U	--	0.000307 U	--
PCB-169	E1668A					0.000351 U	--	0.000335 U	--
PCB-170	E1668A					0.0999	--	0.113	--
PCB-171	E1668A					0.0273	--	0.0326	--

Table 4-5a
Data Summary: Riverbank Surface Soil

		Location ID	USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A			
							Sample ID	USMPDI-073SS-210330	USMPDI-073SS-B-210330
		Sample Date	3/30/2021	3/30/2021	3/30/2021	3/30/2021			
		Depth	0 - 12 in	0 - 12 in	0 - 12 in	0 - 12 in			
		Sample Type	N	N	N	N			
		X	7622016.74	7622018.14	7622364.79	7622364.79			
		Y	706879.30	706874.15	706412.49	706412.49			
		Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold				
PCB-172	E1668A				0.0162	--	0.0206	--	
PCB-173	E1668A				0.00205 J	--	0.00233 J	--	
PCB-174	E1668A				0.0995	--	0.152	--	
PCB-175	E1668A				0.00338 J	--	0.00505	--	
PCB-176	E1668A				0.00862	--	0.0159	--	
PCB-177	E1668A				0.0599	--	0.0796	--	
PCB-178	E1668A				0.0219	--	0.0291	--	
PCB-179	E1668A				0.037	--	0.0682	--	
PCB-180	E1668A				0.213	--	0.316	--	
PCB-181	E1668A				0.00189 J	--	0.000391 U	--	
PCB-182/187	E1668A				0.135	--	0.201	--	
PCB-183	E1668A				0.0492	--	0.0826	--	
PCB-184	E1668A				0.000221 U	--	0.000317 U	--	
PCB-185	E1668A				0.00862	--	0.0187	--	
PCB-186	E1668A				0.000205 U	--	0.000293 U	--	
PCB-188	E1668A				0.000261 J	--	0.000314 U	--	
PCB-189	E1668A				0.00397 J	--	0.00320 J	--	
PCB-190	E1668A				0.0146	--	0.0239	--	
PCB-191	E1668A				0.00313 J	--	0.00396 J	--	
PCB-192	E1668A				0.000239 U	--	0.000322 U	--	
PCB-193	E1668A				0.0136	--	0.0165	--	
PCB-194	E1668A				0.0582	--	0.0909 J	--	
PCB-195	E1668A				0.0229	--	0.0366 J	--	
PCB-196/203	E1668A				0.0748	--	0.134	--	
PCB-197	E1668A				0.00199 J	--	0.00370 J	--	
PCB-198	E1668A				0.00329 J	--	0.00575 J	--	
PCB-199	E1668A				0.0801	--	0.124	--	
PCB-200	E1668A				0.00983	--	0.0162 J	--	
PCB-201	E1668A				0.00811	--	0.015	--	
PCB-202	E1668A				0.0172	--	0.0235	--	
PCB-204	E1668A				0.000201 U	--	0.000307 U	--	
PCB-205	E1668A				0.00308 J	--	0.00418 J	--	
PCB-206	E1668A				0.0747	--	0.0611 J	--	

Table 4-5a
Data Summary: Riverbank Surface Soil

	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-073SS	USMPDI-073SS-B	USMPDI-077SS	USMPDI-077SS-A
					Sample ID	USMPDI-073SS-210330	USMPDI-073SS-B-210330	USMPDI-077SS-210330	USMPDI-077SS-A-210330
					Sample Date	3/30/2021	3/30/2021	3/30/2021	3/30/2021
					Depth	0 - 12 in	0 - 12 in	0 - 12 in	0 - 12 in
					Sample Type	N	N	N	N
					X	7622016.74	7622018.14	7622364.79	7622364.79
					Y	706879.30	706874.15	706412.49	706412.49
PCB-207	E1668A					0.00706	--	0.00835	--
PCB-208	E1668A					0.0285	--	0.0192	--
PCB-209	E1668A					0.069	--	0.0177	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)						0.00310 JT	--	0.00163 JT	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)						0.0551 T	--	0.0203 JT	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)						0.0496 JT	--	0.152 JT	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)						0.209 JT	--	0.300 JT	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)						0.977 JT	--	0.729 JT	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)						1.6 JT	--	1.35 JT	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)						0.819 JT	--	1.19 JT	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)						0.280 JT	--	0.454 JT	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)						0.110 T	--	0.0887 JT	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)						0.0690 T	--	0.0177 T	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)						0.000354 JT	--	0.000451 JT	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)						0.0000106 JT	--	0.00000742 JT	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)						0.000191 JT	--	0.000127 JT	--
PH-ROD Total PCB Congener (U = 1/2 max limit)		9	75	200		4.1 JT	--	4.30 JT	--
Total Petroleum Hydrocarbons (mg/kg)									
Diesel range hydrocarbons	NWTPHDx	91				7.56	--	8.31	--
Extractable Petroleum Hydrocarbons (mg/kg)									
C10-C12 Aliphatics unadjusted	WAEPH					2.32 UJ	--	2.63 UJ	--

Notes:

- Detected concentration is greater than Riverbank Soil/Sediment Cleanup Level
- Detected concentration is greater than site-wide RAL
- Detected concentration is greater than PTW threshold

Bold: Detected result

µg/kg: microgram per kilogram

CUL: cleanup level

J: Estimated value

JT: Estimated value (calculated result)

PCB: polychlorinated biphenyl

PH: Portland Harbor

PTW: principal threat waste

RAL: remedial action level

T: Calculated or averaged result

U: Compound analyzed for, but not detected above detection limit

UT: Compound analyzed for, but not detected above detection limit (calculated result)

UJ: Compound analyzed for, but not detected above estimated detection limit

Table 4-5b

Statistical Summary: Riverbank Surface Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
Conventional Parameters (mg/kg)													
Cyanide	2	2	100%	3.36	0.176	1.77	1.77	--	--	--	--	--	--
Conventional Parameters (pct)													
Total organic carbon	2	2	100%	0.81	0.56	0.685	0.685	--	--	--	--	--	--
Total Solids	4	4	100%	87.7	77.2	82.4	82.5	--	--	--	--	--	--
Metals (mg/kg)													
Arsenic	2	2	100%	4.15	3.98	4.07	4.07	--	3	--	--	2	--
Cadmium	2	1	50%	0.221	0.221	0.221	0.221	--	0.51	--	--	--	--
Chromium	2	2	100%	33	13.3	23.2	23.2	--	--	--	--	--	--
Copper	2	2	100%	41.2	28.4	34.8	34.8	--	359	--	--	--	--
Lead	2	2	100%	331	26.5	179	179	--	196	--	--	1	--
Manganese	2	2	100%	1230	242	736	736	--	--	--	--	--	--
Mercury	2	1	50%	0.0654	0.0654	0.0654	0.0654	--	0.085	--	--	--	--
Vanadium	2	2	100%	65.4	35.2	50.3	50.3	--	--	--	--	--	--
Zinc	2	2	100%	108	56.6	82.3	82.3	--	459	--	--	--	--
Organometals (µg/kg)													
Tributyltin (ion)	2	0	0%	--	--	--	--	--	3080	--	--	--	--
Volatile Organics (µg/kg)													
1,1-Dichloroethene	2	0	0%	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene, cis-	2	0	0%	--	--	--	--	--	--	--	--	--	--
Benzene	2	0	0%	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	2	0	0%	--	--	--	--	320	--	--	--	--	--
Ethylbenzene	2	0	0%	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	2	0	0%	--	--	--	--	--	--	--	--	--	--
o-Xylene	2	0	0%	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene (PCE)	2	0	0%	--	--	--	--	--	--	--	--	--	--
Toluene	2	0	0%	--	--	--	--	--	--	--	--	--	--
Trichloroethene (TCE)	2	0	0%	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	2	0	0%	--	--	--	--	--	--	--	--	--	--
Semivolatile Organics (µg/kg)													
Benzo(b)naphtho(2,1-d)thiophene	2	2	100%	28.8	18.8	23.8	23.8	--	--	--	--	--	--
Biphenyl (1,1'-Biphenyl)	2	2	100%	3.5	2.5	3	3	--	--	--	--	--	--
Bis(2-ethylhexyl)phthalate	2	1	50%	31.6	31.6	31.6	31.6	--	135	--	--	--	--
Pentachlorophenol	2	1	50%	15.1	15.1	15.1	15.1	--	--	--	--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)													
1-Methylnaphthalene	2	0	0%	--	--	--	--	--	--	--	--	--	--
1-Methylphenanthrene	2	2	100%	14.7	10.9	12.8	12.8	--	--	--	--	--	--
2,3,5-Trimethylnaphthalene (1,6,7-Trimethylnaphthalene)	2	2	100%	1.5	1.3	1.4	1.4	--	--	--	--	--	--
2,6-Dimethylnaphthalene	2	2	100%	1.5	1.2	1.35	1.35	--	--	--	--	--	--
2-Methylnaphthalene	2	0	0%	--	--	--	--	--	--	--	--	--	--

Table 4-5b
Statistical Summary: Riverbank Surface Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
Acenaphthene	2	2	100%	14.2	10.3	12.3	12.3	--	--	--	--	--	--
Acenaphthylene	2	2	100%	13.6	5.5	9.55	9.55	--	--	--	--	--	--
Anthracene	2	2	100%	21.1	11.3	16.2	16.2	--	--	--	--	--	--
Benzo(a)anthracene	2	2	100%	160	94.7	127	127	--	--	--	--	--	--
Benzo(a)pyrene	2	2	100%	288	137	213	213	--	--	--	--	--	--
Benzo(b)fluoranthene	2	2	100%	224	119	172	172	--	--	--	--	--	--
Benzo(e)pyrene	2	2	100%	241	131	186	186	--	--	--	--	--	--
Benzo(g,h,i)perylene	2	2	100%	412	192	302	302	--	--	--	--	--	--
Benzo(j)fluoranthene	2	2	100%	122	65.3	93.7	93.7	--	--	--	--	--	--
Benzo(k)fluoranthene	2	2	100%	105	65	85	85	--	--	--	--	--	--
Benzothiophene	2	2	100%	1.4	1.3	1.35	1.35	--	--	--	--	--	--
Carbazole	2	2	100%	8.9	7.6	8.25	8.25	--	--	--	--	--	--
Chrysene	2	2	100%	203	135	169	169	--	--	--	--	--	--
Decalin, cis-	2	0	0%	--	--	--	--	--	--	--	--	--	--
Decalin, trans-	2	0	0%	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	2	2	100%	24.8	13.9	19.3	19.4	--	--	--	--	--	--
Dibenzofuran	2	2	100%	6	2.1	4.05	4.05	--	--	--	--	--	--
Dibenzothiophene	2	2	100%	8.9	6	7.45	7.45	--	--	--	--	--	--
Fluoranthene	2	2	100%	375	181	278	278	--	--	--	--	--	--
Fluorene	2	2	100%	8.9	3.5	6.2	6.2	--	--	--	--	--	--
Indeno(1,2,3-c,d)pyrene	2	2	100%	240	125	183	183	--	--	--	--	--	--
Naphthalene	2	2	100%	20.5	17.3	18.9	18.9	140000	--	--	--	--	--
Perylene	2	2	100%	82.3	44.1	63.2	63.2	--	--	--	--	--	--
Phenanthrene	2	2	100%	120	66.7	93.3	93.3	--	--	--	--	--	--
Pyrene	2	2	100%	437	228	333	333	--	--	--	--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)	2	2	100%	451	249	350	350	--	--	--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)	2	2	100%	380	186	283	281	774000	774	--	--	--	--
PH-ROD Total HPAH (U = 1/2 max limit)	2	2	100%	2600	1360	1980	1970	--	--	--	--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)	2	2	100%	200	120	160	160	--	--	--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)	2	2	100%	2800	1500	2150	2130	--	23000	30000	--	--	--
C1-Benzanthracenes/Chrysenes	2	2	100%	86	82.7	84.3	84.3	--	--	--	--	--	--
C1-Benzo(b)thiophene	2	0	0%	--	--	--	--	--	--	--	--	--	--
C1-Decalins	2	1	50%	2.5	2.5	2.5	2.5	--	--	--	--	--	--
C1-Dibenz(a,h)anthracenes	2	2	100%	21.8	4.5	13.1	13.2	--	--	--	--	--	--
C1-Dibenzothiophenes	2	2	100%	7.2	6.2	6.7	6.7	--	--	--	--	--	--
C1-Fluoranthenes/Pyrenes	2	2	100%	115	79.5	97.3	97.3	--	--	--	--	--	--
C1-Fluorenes	2	2	100%	4	2.5	3.25	3.25	--	--	--	--	--	--
C1-Naphthalenes	2	2	100%	6.1	5.3	5.7	5.7	--	--	--	--	--	--
C1-Naphthobenzothiophenes	2	2	100%	18.2	17.3	17.8	17.8	--	--	--	--	--	--
C1-Phenanthrenes/Anthracenes	2	2	100%	46.8	38.1	42.4	42.5	--	--	--	--	--	--

Table 4-5b
Statistical Summary: Riverbank Surface Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
C2-Benzanthracenes/Chrysenes	2	2	100%	53.9	30.1	42	42	--	--	--	--	--	--
C2-Benzo(b)thiophene	2	0	0%	--	--	--	--	--	--	--	--	--	--
C2-Decalins	2	2	100%	4.1	3.3	3.7	3.7	--	--	--	--	--	--
C2-Dibenz(a,h)anthracenes	2	2	100%	9.5	5	7.25	7.25	--	--	--	--	--	--
C2-Dibenzothiophenes	2	2	100%	8.3	8.2	8.25	8.25	--	--	--	--	--	--
C2-Fluoranthenes/Pyrenes	2	2	100%	51.7	44.8	48.3	48.3	--	--	--	--	--	--
C2-Fluorenes	2	2	100%	4.2	3.6	3.9	3.9	--	--	--	--	--	--
C2-Naphthalenes	2	2	100%	5.8	5.8	5.8	5.8	--	--	--	--	--	--
C2-Naphthobenzothiophenes	2	2	100%	18.8	8.6	13.7	13.7	--	--	--	--	--	--
C2-Phenanthrenes/Anthracenes	2	2	100%	33.6	32.6	33.1	33.1	--	--	--	--	--	--
C3-Benzanthracenes/Chrysenes	2	2	100%	37.6	13.1	25.3	25.4	--	--	--	--	--	--
C3-Benzo(b)thiophene	2	0	0%	--	--	--	--	--	--	--	--	--	--
C3-Decalins	2	2	100%	1.9	1.6	1.75	1.75	--	--	--	--	--	--
C3-Dibenz(a,h)anthracenes	2	2	100%	6.3	2.3	4.3	4.3	--	--	--	--	--	--
C3-Dibenzothiophenes	2	2	100%	7.4	4.9	6.15	6.15	--	--	--	--	--	--
C3-Fluoranthenes/Pyrenes	2	2	100%	18.5	15.7	17.1	17.1	--	--	--	--	--	--
C3-Fluorenes	2	2	100%	3.2	2.7	2.95	2.95	--	--	--	--	--	--
C3-Naphthalenes	2	2	100%	5.2	4.5	4.85	4.85	--	--	--	--	--	--
C3-Naphthobenzothiophenes	2	2	100%	14.2	6.3	10.3	10.3	--	--	--	--	--	--
C3-Phenanthrenes/Anthracenes	2	2	100%	19.4	16.1	17.8	17.8	--	--	--	--	--	--
C4-Benzanthracenes/Chrysenes	2	2	100%	16.4	5.3	10.8	10.9	--	--	--	--	--	--
C4-Decalins	2	0	0%	--	--	--	--	--	--	--	--	--	--
C4-Dibenzothiophenes	2	0	0%	--	--	--	--	--	--	--	--	--	--
C4-Fluoranthenes/Pyrenes	2	2	100%	35.1	30.6	32.8	32.9	--	--	--	--	--	--
C4-Naphthalenes	2	2	100%	3.1	1.3	2.2	2.2	--	--	--	--	--	--
C4-Naphthobenzothiophenes	2	1	50%	9.8	9.8	9.8	9.8	--	--	--	--	--	--
C4-Phenanthrenes/Anthracenes	2	2	100%	14.6	6.3	10.5	10.5	--	--	--	--	--	--
Pesticides (µg/kg)													
2,4'-DDD (o,p'-DDD)	2	2	100%	0.266	0.0325	0.149	0.149	--	--	--	--	--	--
2,4'-DDE (o,p'-DDE)	2	2	100%	0.0149	0.0137	0.0143	0.0143	--	--	--	--	--	--
2,4'-DDT (o,p'-DDT)	2	2	100%	0.282	0.26	0.271	0.271	--	--	--	--	--	--
4,4'-DDD (p,p'-DDD)	2	2	100%	0.63	0.115	0.372	0.373	--	--	--	--	--	--
4,4'-DDE (p,p'-DDE)	2	2	100%	0.363	0.203	0.283	0.283	--	--	--	--	--	--
4,4'-DDT (p,p'-DDT)	2	2	100%	2.42	2.04	2.23	2.23	--	--	--	--	--	--
Aldrin	2	1	50%	0.0215	0.0215	0.0215	0.0215	--	2	--	--	--	--
Chlordane, alpha- (Chlordane, cis-)	2	1	50%	0.138	0.138	0.138	0.138	--	--	--	--	--	--
Chlordane, beta- (Chlordane, trans-)	2	1	50%	0.117	0.117	0.117	0.117	--	--	--	--	--	--
Dieldrin	2	2	100%	0.132	0.0297	0.0808	0.0809	--	0.07	--	--	1	--
Hexachlorocyclohexane (BHC), gamma- (Lindane)	2	1	50%	0.00288	0.00288	0.00288	0.00288	--	5	--	--	--	--
Nonachlor, cis-	2	1	50%	0.0685	0.0685	0.0685	0.0685	--	--	--	--	--	--

Table 4-5b

Statistical Summary: Riverbank Surface Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
Nonachlor, trans-	2	2	100%	0.198	0.0226	0.11	0.11	--	--	--	--	--	--
Oxychlorane	2	1	50%	0.039	0.039	0.039	0.039	--	--	--	--	--	--
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)	2	2	100%	0.563	0.31	0.437	0.435	--	--	--	--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)	2	2	100%	3.3	2.52	2.91	2.89	--	--	--	--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)	2	2	100%	0.9	0.148	0.524	0.522	--	114	--	--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)	2	2	100%	0.377	0.218	0.297	0.297	--	50	--	--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)	2	2	100%	2.7	2.3	2.5	2.5	--	246	--	--	--	--
PH-ROD Total Chlordane (U = 1/2 max limit)	2	2	100%	0.561	0.0363	0.299	0.298	--	1.4	--	--	--	--
PH-ROD Total DDx (U = 1/2 max limit)	2	2	100%	3.8	2.8	3.3	3.32	7050	6.1	160	--	--	--
Herbicides (µg/kg)													
2,4,5-TP (Silvex)	2	0	0%	--	--	--	--	--	--	--	--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	2	0	0%	--	--	--	--	--	--	--	--	--	--
Dioxin Furans (µg/kg)													
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	2	0	0%	--	--	--	--	0.01	0.0002	0.0006	--	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	2	2	100%	0.000789	0.000328	0.000559	0.000559	0.01	0.0002	0.0008	--	2	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	2	1	50%	0.00171	0.00171	0.00171	0.00171	--	--	--	--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	2	2	100%	0.00525	0.00139	0.00332	0.00332	--	--	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	2	2	100%	0.00335	0.000767	0.00206	0.00206	--	--	--	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	2	2	100%	0.114	0.0313	0.0727	0.0727	--	--	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	2	2	100%	0.949	0.31	0.63	0.63	--	--	--	--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	2	2	100%	0.000512	0.000269	0.000391	0.000391	--	--	--	--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	2	2	100%	0.00418	0.00212	0.00315	0.00315	--	--	--	--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	2	2	100%	0.0412	0.00937	0.0253	0.0253	--	--	--	--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	2	2	100%	0.208	0.06	0.134	0.134	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	2	2	100%	0.000867	0.000237	0.000552	0.000552	0.6	0.00040658	--	--	1	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	2	2	100%	0.0014	0.000226	0.000813	0.000813	--	--	--	--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	2	2	100%	0.00215	0.000631	0.00139	0.00139	0.2	0.0003	0.2	--	2	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	2	2	100%	0.00477	0.00041	0.00259	0.00259	0.4	0.0004	--	--	2	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	2	2	100%	0.00139	0.000287	0.000838	0.000838	--	--	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	2	1	50%	0.000312	0.000312	0.000312	0.000312	--	--	--	--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	2	2	100%	0.00142	0.000437	0.000928	0.000929	--	--	--	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	2	2	100%	0.0141	0.00485	0.00948	0.00948	--	--	--	--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	2	2	100%	0.00183	0.000155	0.000992	0.000993	--	--	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	2	2	100%	0.0276	0.00994	0.0188	0.0188	--	--	--	--	--	--
Total Tetrachlorodibenzofuran (TCDF)	2	2	100%	0.00423	0.00231	0.00327	0.00327	--	--	--	--	--	--
Total Pentachlorodibenzofuran (PeCDF)	2	2	100%	0.0176	0.00348	0.0105	0.0105	--	--	--	--	--	--
Total Hexachlorodibenzofuran (HxCDF)	2	2	100%	0.0317	0.00837	0.02	0.02	--	--	--	--	--	--
Total Heptachlorodibenzofuran (HpCDF)	2	2	100%	0.049	0.0131	0.031	0.0311	--	--	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)	2	2	100%	0.00566	0.0016	0.00363	0.00363	--	--	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)	2	2	100%	0.00416	0.001	0.00258	0.00258	--	--	--	--	--	--

Table 4-5b

Statistical Summary: Riverbank Surface Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)	2	2	100%	0.00506	0.0014	0.00323	0.00323	--	0.01	--	--	--	--
PCB Congeners (µg/kg)													
PCB-001	2	1	50%	0.000899	0.000899	0.000899	0.000899	--	--	--	--	--	--
PCB-002	2	1	50%	0.000858	0.000858	0.000858	0.000858	--	--	--	--	--	--
PCB-003	2	2	100%	0.00138	0.00134	0.00136	0.00136	--	--	--	--	--	--
PCB-004/010	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-005/008	2	1	50%	0.00494	0.00494	0.00494	0.00494	--	--	--	--	--	--
PCB-006	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-007/009	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-011	2	1	50%	0.0477	0.0477	0.0477	0.0477	--	--	--	--	--	--
PCB-012/013	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-014	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-015	2	2	100%	0.0128	0.00563	0.00921	0.00922	--	--	--	--	--	--
PCB-016/032	2	2	100%	0.0137	0.00469	0.00919	0.0092	--	--	--	--	--	--
PCB-017	2	2	100%	0.0085	0.00363	0.00607	0.00607	--	--	--	--	--	--
PCB-018	2	2	100%	0.0193	0.00737	0.0133	0.0133	--	--	--	--	--	--
PCB-019	2	1	50%	0.00151	0.00151	0.00151	0.00151	--	--	--	--	--	--
PCB-020/021/033	2	2	100%	0.0135	0.00535	0.00943	0.00942	--	--	--	--	--	--
PCB-022	2	2	100%	0.0117	0.00301	0.00735	0.00736	--	--	--	--	--	--
PCB-023	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-024/027	2	1	50%	0.00159	0.00159	0.00159	0.00159	--	--	--	--	--	--
PCB-025	2	1	50%	0.00205	0.00205	0.00205	0.00205	--	--	--	--	--	--
PCB-026	2	1	50%	0.00493	0.00493	0.00493	0.00493	--	--	--	--	--	--
PCB-028	2	2	100%	0.0291	0.00862	0.0189	0.0189	--	--	--	--	--	--
PCB-029	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-030	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-031	2	2	100%	0.0242	0.00831	0.0163	0.0163	--	--	--	--	--	--
PCB-034	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-035	2	1	50%	0.00192	0.00192	0.00192	0.00192	--	--	--	--	--	--
PCB-036	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-037	2	2	100%	0.0179	0.00613	0.012	0.012	--	--	--	--	--	--
PCB-038	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-039	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-040	2	2	100%	0.00658	0.00207	0.00432	0.00433	--	--	--	--	--	--
PCB-041/064/071/072	2	2	100%	0.0278	0.0126	0.0202	0.0202	--	--	--	--	--	--
PCB-042/059	2	2	100%	0.0109	0.00406	0.00748	0.00748	--	--	--	--	--	--
PCB-043/049	2	2	100%	0.0249	0.0191	0.022	0.022	--	--	--	--	--	--
PCB-044	2	2	100%	0.0309	0.0273	0.0291	0.0291	--	--	--	--	--	--
PCB-045	2	2	100%	0.00597	0.00168	0.00382	0.00383	--	--	--	--	--	--
PCB-046	2	2	100%	0.00203	0.000923	0.00148	0.00148	--	--	--	--	--	--

Table 4-5b
Statistical Summary: Riverbank Surface Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
PCB-047	2	2	100%	0.01	0.004	0.007	0.007	--	--	--	--	--	--
PCB-048/075	2	2	100%	0.00762	0.0024	0.00501	0.00501	--	--	--	--	--	--
PCB-050	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-051	2	2	100%	0.00175	0.000675	0.00121	0.00121	--	--	--	--	--	--
PCB-052/069	2	2	100%	0.0466	0.0379	0.0422	0.0423	--	--	--	--	--	--
PCB-053	2	2	100%	0.00543	0.00252	0.00397	0.00398	--	--	--	--	--	--
PCB-054	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-055	2	2	100%	0.00149	0.000656	0.00107	0.00107	--	--	--	--	--	--
PCB-056/060	2	2	100%	0.0257	0.0121	0.0189	0.0189	--	--	--	--	--	--
PCB-057	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-058	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-061/070	2	2	100%	0.0432	0.0421	0.0427	0.0427	--	--	--	--	--	--
PCB-062	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-063	2	2	100%	0.00132	0.000329	0.000825	0.000824	--	--	--	--	--	--
PCB-065	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-066/076	2	2	100%	0.029	0.0141	0.0215	0.0216	--	--	--	--	--	--
PCB-067	2	1	50%	0.00142	0.00142	0.00142	0.00142	--	--	--	--	--	--
PCB-068	2	1	50%	0.00089	0.00089	0.00089	0.00089	--	--	--	--	--	--
PCB-073	2	1	50%	0.000353	0.000353	0.000353	0.000353	--	--	--	--	--	--
PCB-074	2	2	100%	0.0156	0.00932	0.0125	0.0125	--	--	--	--	--	--
PCB-077	2	2	100%	0.00578	0.00257	0.00417	0.00418	--	--	--	--	--	--
PCB-078	2	1	50%	0.000443	0.000443	0.000443	0.000443	--	--	--	--	--	--
PCB-079	2	2	100%	0.0016	0.00127	0.00143	0.00144	--	--	--	--	--	--
PCB-080	2	2	100%	0.000882	0.000556	0.000719	0.000719	--	--	--	--	--	--
PCB-081	2	2	100%	0.000369	0.000355	0.000362	0.000362	--	--	--	--	--	--
PCB-082	2	2	100%	0.0151	0.012	0.0136	0.0136	--	--	--	--	--	--
PCB-083	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-084/092	2	2	100%	0.06	0.0462	0.0531	0.0531	--	--	--	--	--	--
PCB-085/116	2	2	100%	0.0337	0.0235	0.0286	0.0286	--	--	--	--	--	--
PCB-086	2	2	100%	0.000852	0.000313	0.000583	0.000583	--	--	--	--	--	--
PCB-087/117/125	2	2	100%	0.0553	0.0305	0.0429	0.0429	--	--	--	--	--	--
PCB-088/091	2	2	100%	0.023	0.0214	0.0222	0.0222	--	--	--	--	--	--
PCB-089	2	2	100%	0.00162	0.00127	0.00145	0.00145	--	--	--	--	--	--
PCB-090/101	2	2	100%	0.157	0.0922	0.125	0.125	--	--	--	--	--	--
PCB-093	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-094	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-095/098/102	2	2	100%	0.0982	0.0815	0.0899	0.0899	--	--	--	--	--	--
PCB-096	2	2	100%	0.000735	0.000601	0.000668	0.000668	--	--	--	--	--	--
PCB-097	2	2	100%	0.0335	0.0256	0.0296	0.0296	--	--	--	--	--	--
PCB-099	2	2	100%	0.0786	0.0414	0.06	0.06	--	--	--	--	--	--

Table 4-5b
Statistical Summary: Riverbank Surface Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
PCB-100	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-103	2	1	50%	0.000551	0.000551	0.000551	0.000551	--	--	--	--	--	--
PCB-104	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-105	2	2	100%	0.0621	0.0393	0.0507	0.0507	--	--	--	--	--	--
PCB-106/118	2	2	100%	0.124	0.0777	0.101	0.101	--	--	--	--	--	--
PCB-107/109	2	2	100%	0.00912	0.00566	0.00739	0.00739	--	--	--	--	--	--
PCB-108/112	2	2	100%	0.00462	0.00405	0.00433	0.00434	--	--	--	--	--	--
PCB-110	2	2	100%	0.193	0.191	0.192	0.192	--	--	--	--	--	--
PCB-111/115	2	2	100%	0.00232	0.00207	0.00219	0.0022	--	--	--	--	--	--
PCB-113	2	1	50%	0.0011	0.0011	0.0011	0.0011	--	--	--	--	--	--
PCB-114	2	2	100%	0.00262	0.00199	0.0023	0.00231	--	--	--	--	--	--
PCB-119	2	2	100%	0.0026	0.0015	0.00205	0.00205	--	--	--	--	--	--
PCB-120	2	1	50%	0.000525	0.000525	0.000525	0.000525	--	--	--	--	--	--
PCB-121	2	1	50%	0.0143	0.0143	0.0143	0.0143	--	--	--	--	--	--
PCB-122	2	2	100%	0.00198	0.00192	0.00195	0.00195	--	--	--	--	--	--
PCB-123	2	2	100%	0.00426	0.00186	0.00306	0.00306	--	--	--	--	--	--
PCB-124	2	2	100%	0.0106	0.00569	0.00814	0.00815	--	--	--	--	--	--
PCB-126	2	2	100%	0.00177	0.00117	0.00147	0.00147	--	--	--	--	--	--
PCB-127	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-128/162	2	2	100%	0.0901	0.0556	0.0728	0.0729	--	--	--	--	--	--
PCB-129	2	2	100%	0.0167	0.013	0.0148	0.0149	--	--	--	--	--	--
PCB-130	2	2	100%	0.0331	0.0252	0.0292	0.0292	--	--	--	--	--	--
PCB-131/133	2	2	100%	0.00989	0.00696	0.00843	0.00843	--	--	--	--	--	--
PCB-132/161	2	2	100%	0.0842	0.0815	0.0829	0.0829	--	--	--	--	--	--
PCB-134/143	2	2	100%	0.0171	0.013	0.0151	0.0151	--	--	--	--	--	--
PCB-135	2	2	100%	0.0374	0.0372	0.0373	0.0373	--	--	--	--	--	--
PCB-136	2	2	100%	0.0402	0.0285	0.0343	0.0344	--	--	--	--	--	--
PCB-137	2	2	100%	0.0272	0.0164	0.0218	0.0218	--	--	--	--	--	--
PCB-138/163/164	2	2	100%	0.39	0.314	0.352	0.352	--	--	--	--	--	--
PCB-139/149	2	2	100%	0.256	0.246	0.251	0.251	--	--	--	--	--	--
PCB-140	2	2	100%	0.0025	0.00201	0.00225	0.00226	--	--	--	--	--	--
PCB-141	2	2	100%	0.0527	0.0483	0.0505	0.0505	--	--	--	--	--	--
PCB-142	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-144	2	2	100%	0.0123	0.00977	0.011	0.011	--	--	--	--	--	--
PCB-145	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-146/165	2	2	100%	0.0534	0.0436	0.0485	0.0485	--	--	--	--	--	--
PCB-147	2	2	100%	0.00841	0.00562	0.00702	0.00702	--	--	--	--	--	--
PCB-148	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-150	2	1	50%	0.000311	0.000311	0.000311	0.000311	--	--	--	--	--	--
PCB-151	2	2	100%	0.0535	0.0529	0.0532	0.0532	--	--	--	--	--	--

Table 4-5b
Statistical Summary: Riverbank Surface Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
PCB-152	2	1	50%	0.000177	0.000177	0.000177	0.000177	--	--	--	--	--	--
PCB-153	2	2	100%	0.298	0.245	0.272	0.272	--	--	--	--	--	--
PCB-154	2	2	100%	0.00389	0.00154	0.00272	0.00272	--	--	--	--	--	--
PCB-155	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-156	2	2	100%	0.0312	0.0163	0.0237	0.0238	--	--	--	--	--	--
PCB-157	2	2	100%	0.0139	0.00767	0.0108	0.0108	--	--	--	--	--	--
PCB-158/160	2	2	100%	0.0348	0.0332	0.034	0.034	--	--	--	--	--	--
PCB-159	2	1	50%	0.00578	0.00578	0.00578	0.00578	--	--	--	--	--	--
PCB-166	2	2	100%	0.000734	0.000486	0.00061	0.00061	--	--	--	--	--	--
PCB-167	2	2	100%	0.0212	0.0115	0.0163	0.0164	--	--	--	--	--	--
PCB-168	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-169	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-170	2	2	100%	0.113	0.0999	0.106	0.106	--	--	--	--	--	--
PCB-171	2	2	100%	0.0326	0.0273	0.03	0.03	--	--	--	--	--	--
PCB-172	2	2	100%	0.0206	0.0162	0.0184	0.0184	--	--	--	--	--	--
PCB-173	2	2	100%	0.00233	0.00205	0.00219	0.00219	--	--	--	--	--	--
PCB-174	2	2	100%	0.152	0.0995	0.126	0.126	--	--	--	--	--	--
PCB-175	2	2	100%	0.00505	0.00338	0.00421	0.00422	--	--	--	--	--	--
PCB-176	2	2	100%	0.0159	0.00862	0.0123	0.0123	--	--	--	--	--	--
PCB-177	2	2	100%	0.0796	0.0599	0.0697	0.0698	--	--	--	--	--	--
PCB-178	2	2	100%	0.0291	0.0219	0.0255	0.0255	--	--	--	--	--	--
PCB-179	2	2	100%	0.0682	0.037	0.0526	0.0526	--	--	--	--	--	--
PCB-180	2	2	100%	0.316	0.213	0.265	0.265	--	--	--	--	--	--
PCB-181	2	1	50%	0.00189	0.00189	0.00189	0.00189	--	--	--	--	--	--
PCB-182/187	2	2	100%	0.201	0.135	0.168	0.168	--	--	--	--	--	--
PCB-183	2	2	100%	0.0826	0.0492	0.0659	0.0659	--	--	--	--	--	--
PCB-184	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-185	2	2	100%	0.0187	0.00862	0.0137	0.0137	--	--	--	--	--	--
PCB-186	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-188	2	1	50%	0.000261	0.000261	0.000261	0.000261	--	--	--	--	--	--
PCB-189	2	2	100%	0.00397	0.0032	0.00358	0.00359	--	--	--	--	--	--
PCB-190	2	2	100%	0.0239	0.0146	0.0193	0.0193	--	--	--	--	--	--
PCB-191	2	2	100%	0.00396	0.00313	0.00354	0.00355	--	--	--	--	--	--
PCB-192	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-193	2	2	100%	0.0165	0.0136	0.0151	0.0151	--	--	--	--	--	--
PCB-194	2	2	100%	0.0909	0.0582	0.0745	0.0746	--	--	--	--	--	--
PCB-195	2	2	100%	0.0366	0.0229	0.0298	0.0298	--	--	--	--	--	--
PCB-196/203	2	2	100%	0.134	0.0748	0.104	0.104	--	--	--	--	--	--
PCB-197	2	2	100%	0.0037	0.00199	0.00285	0.00285	--	--	--	--	--	--
PCB-198	2	2	100%	0.00575	0.00329	0.00452	0.00452	--	--	--	--	--	--

Table 4-5b
Statistical Summary: Riverbank Surface Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
PCB-199	2	2	100%	0.124	0.0801	0.102	0.102	--	--	--	--	--	--
PCB-200	2	2	100%	0.0162	0.00983	0.013	0.013	--	--	--	--	--	--
PCB-201	2	2	100%	0.015	0.00811	0.0116	0.0116	--	--	--	--	--	--
PCB-202	2	2	100%	0.0235	0.0172	0.0203	0.0204	--	--	--	--	--	--
PCB-204	2	0	0%	--	--	--	--	--	--	--	--	--	--
PCB-205	2	2	100%	0.00418	0.00308	0.00363	0.00363	--	--	--	--	--	--
PCB-206	2	2	100%	0.0747	0.0611	0.0679	0.0679	--	--	--	--	--	--
PCB-207	2	2	100%	0.00835	0.00706	0.0077	0.00771	--	--	--	--	--	--
PCB-208	2	2	100%	0.0285	0.0192	0.0239	0.0239	--	--	--	--	--	--
PCB-209	2	2	100%	0.069	0.0177	0.0433	0.0434	--	--	--	--	--	--
PH-ROD Total Monochlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.0031	0.00163	0.00237	0.00236	--	--	--	--	--	--
PH-ROD Total Dichlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.0551	0.0203	0.0377	0.0377	--	--	--	--	--	--
PH-ROD Total Trichlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.152	0.0496	0.101	0.101	--	--	--	--	--	--
PH-ROD Total Tetrachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.3	0.209	0.255	0.255	--	--	--	--	--	--
PH-ROD Total Pentachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.977	0.729	0.853	0.853	--	--	--	--	--	--
PH-ROD Total Hexachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	1.6	1.35	1.48	1.46	--	--	--	--	--	--
PH-ROD Total Heptachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	1.19	0.819	1	1	--	--	--	--	--	--
PH-ROD Total Octachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.454	0.28	0.367	0.367	--	--	--	--	--	--
PH-ROD Total Nonachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.11	0.0887	0.0993	0.0995	--	--	--	--	--	--
PH-ROD Total Decachlorobiphenyl homologs (U = 1/2 max limit)	2	2	100%	0.069	0.0177	0.0433	0.0434	--	--	--	--	--	--
PH-ROD Total PCB Congener TEQ 1998 (Avian) (U = 1/2 max limit)	2	2	100%	0.000451	0.000354	0.000402	0.000402	--	--	--	--	--	--
PH-ROD Total PCB Congener TEQ 1998 (Fish) (U = 1/2 max limit)	2	2	100%	1.06E-05	7.42E-06	0.00000901	0.00000901	--	--	--	--	--	--
PH-ROD Total PCB Congener TEQ 2005 (Mammal) (U = 1/2 max limit)	2	2	100%	0.000191	0.000127	0.000159	0.000159	--	--	--	--	--	--
PH-ROD Total PCB Congener (U = 1/2 max limit)	2	2	100%	4.3	4.1	4.2	4.22	200	9	75	--	--	--
Total Petroleum Hydrocarbons (mg/kg)													
Diesel range hydrocarbons	2	2	100%	8.31	7.56	7.94	7.94	--	91	--	--	--	--
Extractable Petroleum Hydrocarbons (mg/kg)													
C10-C12 Aliphatics unadjusted	2	0	0%	--	--	--	--	--	--	--	--	--	--

Notes:
µg/kg: microgram per kilogram
CUL: cleanup level
EPA: U.S. Environmental Protection Agency
mg/kg: milligram per kilogram
PCB: polychlorinated biphenyl
PH: Portland Harbor
PTW: principal threat waste
RAL: remedial action level
ROD: Record of Decision – Portland Harbor Superfund Site, Portland, Oregon

Table 4-6a

Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-058RAB	USMPDI-058RAB	USMPDI-058RAB
	Sample ID				USMPDI-058RAB-00-10-210317	USMPDI-058RAB-10-20-210317	USMPDI-058RAB-20-26.2-210317
	Sample Date				3/17/2021	3/17/2021	3/17/2021
				Depth	0 - 10 ft	10 - 20 ft	20 - 26.2 ft
				Sample Type	N	N	N
				X	7621880.43	7621880.43	7621880.43
				Y	707100.29	707100.29	707100.29
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold			
Conventional Parameters (unitless)							
Liquid limit	D4318				--	NP	--
Plastic limit	D4318				--	NP	--
Plasticity index	D4318				--	NP	--
Specific gravity	D854				--	2.64	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				0.109 U	0.981	0.398
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	11.3	--
Total organic carbon	SM5310BM				0.085	0.53 J	1.2
Total Solids	SM2540G				90.1	85.8	69.3
Grain Size (pct)							
Gravel	D6913				--	3	--
Sand	D6913				--	45.9	--
Total fines (Reported, not calculated)	D6913				--	51.1	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	100	--
Percent passing 4750 micron sieve (#4)	D6913				--	97	--
Percent passing 2000 micron sieve (#10)	D6913				--	94	--
Percent passing 110 micron sieve (#140)	D6913				--	55	--
Percent passing 850 micron sieve (#20)	D6913				--	90	--
Percent passing 425 micron sieve (#40)	D6913				--	73	--
Percent passing 250 micron sieve (#60)	D6913				--	61	--
Percent passing 150 micron sieve (#100)	D6913				--	57	--
Percent passing 75 micron sieve (#200)	D6913				--	51	--
Metals (mg/kg)							
Arsenic	SW6020B	3			4.33	4.7	4.18
Cadmium	SW6020B	0.51			0.667	0.154 J	0.151 J
Chromium	SW6020B				13.5	14.8	26.4
Copper	SW6020B	359			17.7	46.1	34.4
Lead	SW6020B	196			8.83	28.3	14.9
Manganese	SW6020B				327	301	469
Mercury	SW6020B	0.085			0.0937 U	0.0753 J	0.0902 J

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	Location ID	USMPDI-058RAB	USMPDI-058RAB	USMPDI-058RAB
					Sample ID	USMPDI-058RAB-00-10-210317	USMPDI-058RAB-10-20-210317	USMPDI-058RAB-20-26.2-210317
					Sample Date	3/17/2021	3/17/2021	3/17/2021
					Depth	0 - 10 ft	10 - 20 ft	20 - 26.2 ft
					Sample Type	N	N	N
					X	7621880.43	7621880.43	7621880.43
					Y	707100.29	707100.29	707100.29
Vanadium	SW6020B					51.1	60.2	88.7
Zinc	SW6020B	459				51.2	97.1	74.1
Organometals (µg/kg)								
Tributyltin (ion)	SW8270ESIM	3080				3.83 UJ	3.86 UJ	3.83 UJ
Volatile Organics (µg/kg)								
1,1-Dichloroethene	SW8260D					27.7 U	28.7 U	40.6 U
1,2-Dichloroethene, cis-	SW8260D					27.7 U	28.7 U	40.6 U
Benzene	SW8260D					11.1 U	11.5 U	8.68 J
Chlorobenzene	SW8260D			320		27.7 U	28.7 U	40.6 U
Ethylbenzene	SW8260D					27.7 U	28.7 U	40.6 U
m,p-Xylene	SW8260D					55.4 U	57.5 U	81.2 U
o-Xylene	SW8260D					27.7 U	28.7 U	40.6 U
Tetrachloroethene (PCE)	SW8260D					27.7 U	28.7 U	40.6 U
Toluene	SW8260D					55.4 U	57.5 U	57.2 J
Trichloroethene (TCE)	SW8260D					27.7 U	28.7 U	40.6 U
Vinyl chloride	SW8260D					27.7 U	28.7 U	40.6 U
PH-ROD Total BTEX (U = 1/2 max limit)						55.4 UT	57.5 UT	147 JT
PH-ROD Total Xylene (U = 1/2 max limit)						55.4 UT	57.5 UT	81.2 UT
Semivolatile Organics (µg/kg)								
Bis(2-ethylhexyl)phthalate	SW8270E	135				42.8 U	444 U	559 U
Pentachlorophenol	SW8270E					28.5 U	296 U	373 U
Polycyclic Aromatic Hydrocarbons (µg/kg)								
2-Methylnaphthalene	SW8270ESIM					1.55	73.7	126
Acenaphthene	SW8270ESIM					1.72	275	310
Acenaphthylene	SW8270ESIM					1.79 J	32.6 J	100 J
Anthracene	SW8270ESIM					5.32	164	340
Benzo(a)anthracene	SW8270ESIM					24.6	345	1180
Benzo(a)pyrene	SW8270ESIM					37.5	766	2300
Benzo(b)fluoranthene	SW8270ESIM					23.5	356	1110
Benzo(g,h,i)perylene	SW8270ESIM					41.2	662	2020
Benzo(j)fluoranthene	SW8270ESIM					13.8	182	385
Benzo(k)fluoranthene	SW8270ESIM					13.8	193	420
Chrysene	SW8270ESIM					27	417	1470

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-058RAB	USMPDI-058RAB	USMPDI-058RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-058RAB-00-10-210317	USMPDI-058RAB-10-20-210317	USMPDI-058RAB-20-26.2-210317
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Dibenzo(a,h)anthracene	SW8270ESIM				7.5	91	208
Fluoranthene	SW8270ESIM				39.9	1240	3810
Fluorene	SW8270ESIM				1.27	307	188
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				32.2	484	1400
Naphthalene	SW8270ESIM			140000	6.65	140	697
Phenanthrene	SW8270ESIM				12.1	829	2620
Pyrene	SW8270ESIM				45.1	1790	4880
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					51.1 T	731 T	1900 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	53.2 T	978 T	2900 T
PH-ROD Total HPAH (U = 1/2 max limit)					306 T	6530 T	19000 T
PH-ROD Total LPAH (U = 1/2 max limit)					30.4 JT	1800 JT	4400 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		337 JT	8300 JT	24000 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				0.23	7.59	0.0738
2,4'-DDE (o,p'-DDE)	E1699				0.0129 J	0.32	0.00186 U
2,4'-DDT (o,p'-DDT)	E1699				0.0448	0.646 J	0.0102 UJ
4,4'-DDD (p,p'-DDD)	E1699				0.687	20.7	0.152
4,4'-DDE (p,p'-DDE)	E1699				1.11	1.78	0.0136 J
4,4'-DDT (p,p'-DDT)	E1699				0.512	4.12 J	0.0159 UJ
Aldrin	E1699	2			0.00113 U	0.18	0.00569 U
Chlordane, alpha- (Chlordane, cis-)	E1699				0.0278 J	0.199	0.00598 U
Chlordane, beta- (Chlordane, trans-)	E1699				0.0226 J	0.226	0.00558 U
Dieldrin	E1699	0.07			0.0231 J	0.199	0.00750 U
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.00488 U	0.00762 J	0.00254 U
Nonachlor, cis-	E1699				0.0107 J	0.0161 U	0.0180 U
Nonachlor, trans-	E1699				0.0321 J	0.0701	0.00657 U
Oxychlordane	E1699				0.00350 U	0.00630 U	0.00507 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					0.29 JT	8.6 JT	0.0798 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					2.31 T	26.6 JT	0.174 JT
PH-ROD Sum DDD (U = 1/2 max limit)		114			0.92 T	28.3 T	0.226 T
PH-ROD Sum DDE (U = 1/2 max limit)		50			1.12 JT	2.1 T	0.0145 JT
PH-ROD Sum DDT (U = 1/2 max limit)		246			0.557 T	4.77 JT	0.0159 UJT
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			0.0950 JT	0.506 T	0.0180 UT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-058RAB	USMPDI-058RAB	USMPDI-058RAB
	Sample ID				USMPDI-058RAB-00-10-210317	USMPDI-058RAB-10-20-210317	USMPDI-058RAB-20-26.2-210317
	Sample Date				3/17/2021	3/17/2021	3/17/2021
	Depth				0 - 10 ft	10 - 20 ft	20 - 26.2 ft
	Sample Type				N	N	N
				X	7621880.43	7621880.43	
				Y	707100.29	707100.29	
Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold				
PH-ROD Total DDx (U = 1/2 max limit)	6.1	160	7050	2.6 JT	35 JT	0.253 JT	
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A			55 U	59 U	71 U	
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			55 U	59 U	71 U	
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.0000445 U	0.000235 J	
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.0000782 J	0.000558 J	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000219 U	0.000477 J	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00146 J	0.00259	
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000379 J	0.00128 J	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0447	0.0526	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.666	0.52	
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.0000734	0.00508 J	
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.000476 J	0.00938 J	
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00802 J	0.0262	
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0981	0.117	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000146 J	0.0144	
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000410 J	0.00663	
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.000855 J	0.00857	
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.00315	0.00998	
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000842 J	0.00351	
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000322 J	0.000396 J	
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000798 J	0.00313	
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.0099	0.0284	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.00111 J	0.00282	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.0253	0.0473	
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.00141 J	0.0589 J	
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.00609 J	0.0582 J	
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.0230 J	0.0507 J	
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.0406	0.0748	
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.00194 JT	0.027 JT	
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.00136 JT	0.0085 JT	
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.00185 JT	0.0081 JT	

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-058RAB	USMPDI-058RAB	USMPDI-058RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-058RAB-00-10-210317	USMPDI-058RAB-10-20-210317	USMPDI-058RAB-20-26.2-210317
					USMPDI-058RAB-00-10-210317	USMPDI-058RAB-10-20-210317	USMPDI-058RAB-20-26.2-210317
					3/17/2021	3/17/2021	3/17/2021
					0 - 10 ft	10 - 20 ft	20 - 26.2 ft
					N	N	N
					X	7621880.43	7621880.43
					Y	707100.29	707100.29
PH-ROD Total PCDD/F (U = 1/2 max limit)					0.756 JT	0.70 JT	0.0110 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A				1.47 U	1.51 U	1.90 U
Aroclor 1221	SW8082A				1.47 U	2.39 U	1.90 U
Aroclor 1232	SW8082A				1.47 U	1.82 U	1.90 U
Aroclor 1242	SW8082A				3.25 J	1.51 U	1.90 U
Aroclor 1248	SW8082A				1.47 U	1.51 U	1.90 U
Aroclor 1254	SW8082A				1.47 U	3.30 U	1.90 U
Aroclor 1260	SW8082A				6.55 J	4.65	1.90 U
Aroclor 1262	SW8082A				1.47 U	1.51 U	1.90 U
Aroclor 1268	SW8082A				1.47 U	1.51 U	1.90 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	14.9 JT	12.2 T	1.90 UT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			5.68	104	165
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				2.22 UJ	2.34 UJ	2.87 UJ

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-059RAB	USMPDI-059RAB	USMPDI-059RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-059RAB-00-10-210318	USMPDI-059RAB-10-20-210318	USMPDI-059RAB-20-25.5-210318
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	--
Plastic limit	D4318				--	--	--
Plasticity index	D4318				--	--	--
Specific gravity	D854				--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				0.14	0.0881 J	0.296
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	--
Total organic carbon	SM5310BM				0.29	0.33	1.2
Total Solids	SM2540G				88.2	82.3	80
Grain Size (pct)							
Gravel	D6913				--	--	--
Sand	D6913				--	--	--
Total fines (Reported, not calculated)	D6913				--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--
Percent passing 4750 micron sieve (#4)	D6913				--	--	--
Percent passing 2000 micron sieve (#10)	D6913				--	--	--
Percent passing 110 micron sieve (#140)	D6913				--	--	--
Percent passing 850 micron sieve (#20)	D6913				--	--	--
Percent passing 425 micron sieve (#40)	D6913				--	--	--
Percent passing 250 micron sieve (#60)	D6913				--	--	--
Percent passing 150 micron sieve (#100)	D6913				--	--	--
Percent passing 75 micron sieve (#200)	D6913				--	--	--
Metals (mg/kg)							
Arsenic	SW6020B	3			3.53	3.82	2.52
Cadmium	SW6020B	0.51			0.237 U	0.133 J	0.252 U
Chromium	SW6020B				18.3	19.5	17.1
Copper	SW6020B	359			39.1	22.6	26.7
Lead	SW6020B	196			19.5	17.6	23.5
Manganese	SW6020B				392	777	282
Mercury	SW6020B	0.085			0.0949 U	0.0570 J	0.101 U

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-059RAB	USMPDI-059RAB	USMPDI-059RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-059RAB-00-10-210318	USMPDI-059RAB-10-20-210318	USMPDI-059RAB-20-25.5-210318
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Vanadium	SW6020B				59.2	71.1	55.7
Zinc	SW6020B	459			60.2	62.9	52.2
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM	3080			1.81 J	3.86 UJ	3.80 UJ
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D				28.6 U	28.3 U	28.9 U
1,2-Dichloroethene, cis-	SW8260D				28.6 U	28.3 U	28.9 U
Benzene	SW8260D				11.4 U	11.3 U	11.5 U
Chlorobenzene	SW8260D			320	28.6 U	28.3 U	28.9 U
Ethylbenzene	SW8260D				28.6 U	28.3 U	28.9 U
m,p-Xylene	SW8260D				57.2 U	56.6 U	57.7 U
o-Xylene	SW8260D				28.6 U	28.3 U	28.9 U
Tetrachloroethene (PCE)	SW8260D				28.6 U	28.3 U	28.9 U
Toluene	SW8260D				57.2 U	56.6 U	57.7 U
Trichloroethene (TCE)	SW8260D				28.6 U	28.3 U	28.9 U
Vinyl chloride	SW8260D				28.6 U	28.3 U	28.9 U
PH-ROD Total BTEX (U = 1/2 max limit)					57.2 UT	56.6 UT	57.7 UT
PH-ROD Total Xylene (U = 1/2 max limit)					57.2 UT	56.6 UT	57.7 UT
Semivolatile Organics (µg/kg)							
Bis(2-ethylhexyl)phthalate	SW8270E	135			179 U	184 U	189 U
Pentachlorophenol	SW8270E				120 U	123 U	126 U
Polycyclic Aromatic Hydrocarbons (µg/kg)							
2-Methylnaphthalene	SW8270ESIM				4.28 J	8.72	11.3
Acenaphthene	SW8270ESIM				28.2	12.5	19.6
Acenaphthylene	SW8270ESIM				6.52 J	15.1 J	15.9 J
Anthracene	SW8270ESIM				17.8	42.8	57
Benzo(a)anthracene	SW8270ESIM				85.9	189	201
Benzo(a)pyrene	SW8270ESIM				178	444	419
Benzo(b)fluoranthene	SW8270ESIM				125	293	275
Benzo(g,h,i)perylene	SW8270ESIM				235	653	569
Benzo(j)fluoranthene	SW8270ESIM				54	126	119
Benzo(k)fluoranthene	SW8270ESIM				57.3	134	129
Chrysene	SW8270ESIM				111	252	259

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-059RAB	USMPDI-059RAB	USMPDI-059RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-059RAB-00-10-210318	USMPDI-059RAB-10-20-210318	USMPDI-059RAB-20-25.5-210318
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Dibenzo(a,h)anthracene	SW8270ESIM				29.6	71.6	69.5
Fluoranthene	SW8270ESIM				184	418	461
Fluorene	SW8270ESIM				21.1	12.2	21.7
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				178	484	438
Naphthalene	SW8270ESIM			140000	15.6	43.8	49.3
Phenanthrene	SW8270ESIM				65.6	149	204
Pyrene	SW8270ESIM				230	652	716
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					236 T	553 T	523 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	247 T	614 T	581 T
PH-ROD Total HPAH (U = 1/2 max limit)					1500 T	3720 T	3660 T
PH-ROD Total LPAH (U = 1/2 max limit)					159 JT	284 JT	379 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		1600 JT	4000 JT	4030 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				0.175	0.324	0.283
2,4'-DDE (o,p'-DDE)	E1699				0.0144 J	0.0229 J	0.0205 J
2,4'-DDT (o,p'-DDT)	E1699				0.0884 J	0.0792 J	0.0597 J
4,4'-DDD (p,p'-DDD)	E1699				0.714	1.42	1.1
4,4'-DDE (p,p'-DDE)	E1699				1.35	0.256	0.338
4,4'-DDT (p,p'-DDT)	E1699				1.12 J	0.299 J	0.552 J
Aldrin	E1699	2			0.00143 U	0.00218 U	0.00602 U
Chlordane, alpha- (Chlordane, cis-)	E1699				0.0698 J	0.00978 U	0.0124 U
Chlordane, beta- (Chlordane, trans-)	E1699				0.0569	0.0248 J	0.0225 J
Dieldrin	E1699	0.07			0.0320 J	0.0195 J	0.0372 J
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.00257 U	0.00280 U	0.00288 U
Nonachlor, cis-	E1699				0.0375 J	0.0211 U	0.0307 U
Nonachlor, trans-	E1699				0.0833	0.0108 U	0.0136 U
Oxychlordane	E1699				0.00462 U	0.00804 U	0.0104 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					0.278 JT	0.426 JT	0.363 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					3.18 JT	1.98 JT	2.0 JT
PH-ROD Sum DDD (U = 1/2 max limit)		114			0.889 T	1.74 T	1.4 T
PH-ROD Sum DDE (U = 1/2 max limit)		50			1.36 JT	0.279 JT	0.359 JT
PH-ROD Sum DDT (U = 1/2 max limit)		246			1.21 JT	0.378 JT	0.612 JT
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			0.250 JT	0.0497 JT	0.0561 JT

Table 4-6a

Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-059RAB	USMPDI-059RAB	USMPDI-059RAB
	Sample ID				USMPDI-059RAB-00-10-210318	USMPDI-059RAB-10-20-210318	USMPDI-059RAB-20-25.5-210318
	Sample Date				3/18/2021	3/18/2021	3/18/2021
Depth				0 - 10 ft	10 - 20 ft	20 - 25.5 ft	
Sample Type				N	N	N	
X				7621892.08	7621892.08	7621892.08	
Y				706966.90	706966.90	706966.90	
Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold				
PH-ROD Total DDx (U = 1/2 max limit)	6.1	160	7050	3.46 JT	2.40 JT	2.4 JT	
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A			56 U	61 U	61 U	
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			56 U	61 U	61 U	
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.0000928 U	0.0000580 J	0.0000602 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.000284 J	0.000109 J	0.0000930 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000351 U	0.000279 U	0.000118 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00104 J	0.000214 J	0.000478 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000556 J	0.000284 J	0.000284 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0398	0.00598	0.012
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.364	0.0709	0.146
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.0000928 U	0.000738 J	0.000498 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.000410 J	0.00116 J	0.00110 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.0102 J	0.00221 J	0.00284 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0852	0.0136	0.0273
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000139 J	0.000203 J	0.000208 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000281 J	0.000232 J	0.000254 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.000559 J	0.000608 J	0.000466 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.000723 J	0.000500 J	0.000610 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000347 J	0.000263 J	0.000247 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000192 U	0.0000801 J	0.000146 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000290 J	0.000386 J	0.000353 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.00482	0.00186 J	0.00245
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000259 U	0.000167 J	0.000226 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.00982	0.00303 J	0.00557
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.00115 J	0.00379 J	0.00219 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.00536 J	0.00629 J	0.00497 J
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.00863 J	0.00575 J	0.00578 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.0153	0.00520 J	0.00762
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.00140 JT	0.00120 JT	0.00105 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.00101 JT	0.000724 JT	0.000634 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.00140 JT	0.000666 JT	0.000706 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-059RAB	USMPDI-059RAB	USMPDI-059RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-059RAB-00-10-210318	USMPDI-059RAB-10-20-210318	USMPDI-059RAB-20-25.5-210318
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
PH-ROD Total PCDD/F (U = 1/2 max limit)					0.423 JT	0.0850 JT	0.169 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A				1.49 U	1.59 U	1.61 U
Aroclor 1221	SW8082A				1.49 U	1.59 U	2.54 U
Aroclor 1232	SW8082A				1.49 U	1.59 U	1.61 U
Aroclor 1242	SW8082A				1.49 U	1.59 U	1.61 U
Aroclor 1248	SW8082A				1.49 U	1.59 U	1.61 U
Aroclor 1254	SW8082A				1.58 J	1.20 J	1.32 J
Aroclor 1260	SW8082A				2.16 J	0.801 J	0.880 J
Aroclor 1262	SW8082A				1.49 U	1.59 U	1.61 U
Aroclor 1268	SW8082A				1.49 U	1.59 U	1.61 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	8.96 JT	7.57 JT	8.30 JT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			52.2	38	55.2
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				2.28 UJ	2.46 UJ	2.45 UJ

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-060RAB	USMPDI-060RAB	USMPDI-060RAB
	Sample ID				USMPDI-060RAB-00-10-210317	USMPDI-060RAB-10-20-210317	USMPDI-060RAB-20-28.1-210317
	Sample Date				3/17/2021	3/17/2021	3/17/2021
Depth				0 - 10 ft	10 - 20 ft	20 - 28.1 ft	
Sample Type				N	N	N	
X				7621992.72	7621992.72	7621992.72	
Y				706862.83	706862.83	706862.83	
Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold				
Conventional Parameters (unitless)							
Liquid limit	D4318			--	--	--	
Plastic limit	D4318			--	--	--	
Plasticity index	D4318			--	--	--	
Specific gravity	D854			--	--	--	
Conventional Parameters (mg/kg)							
Cyanide	D7511-12			0.0725 JT	0.301	0.188	
Conventional Parameters (pct)							
Moisture (water) content	D2216			--	--	--	
Total organic carbon	SM5310BM			0.28 T	0.24	0.33	
Total Solids	SM2540G			88.0 T	83.1	79.6	
Grain Size (pct)							
Gravel	D6913			--	--	--	
Sand	D6913			--	--	--	
Total fines (Reported, not calculated)	D6913			--	--	--	
Percent passing 0.5 inch (1/2 inch sieve)	D6913			--	--	--	
Percent passing 0.375 inch (3/8 inch sieve)	D6913			--	--	--	
Percent passing 4750 micron sieve (#4)	D6913			--	--	--	
Percent passing 2000 micron sieve (#10)	D6913			--	--	--	
Percent passing 110 micron sieve (#140)	D6913			--	--	--	
Percent passing 850 micron sieve (#20)	D6913			--	--	--	
Percent passing 425 micron sieve (#40)	D6913			--	--	--	
Percent passing 250 micron sieve (#60)	D6913			--	--	--	
Percent passing 150 micron sieve (#100)	D6913			--	--	--	
Percent passing 75 micron sieve (#200)	D6913			--	--	--	
Metals (mg/kg)							
Arsenic	SW6020B	3		3.70 T	3.24	3.09	
Cadmium	SW6020B	0.51		0.132 JT	0.250 U	0.268 U	
Chromium	SW6020B			13.4 T	13.4	16.9	
Copper	SW6020B	359		23.4 T	23.8	26.2	
Lead	SW6020B	196		16.3 T	20.6	29.4	
Manganese	SW6020B			332 T	279	292	
Mercury	SW6020B	0.085		0.0921 UT	0.0659 J	0.0667 J	

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-060RAB	USMPDI-060RAB	USMPDI-060RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-060RAB-00-10-210317	USMPDI-060RAB-10-20-210317	USMPDI-060RAB-20-28.1-210317
					3/17/2021	3/17/2021	3/17/2021
					0 - 10 ft	10 - 20 ft	20 - 28.1 ft
					N	N	N
					X	X	X
					7621992.72	7621992.72	7621992.72
					Y	Y	Y
					706862.83	706862.83	706862.83
Vanadium	SW6020B				53.6 T	53.5	61.1
Zinc	SW6020B	459			58.7 T	56.7	70
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM	3080			5.97 JT	3.86 UJ	3.83 UJ
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D				26.8 UT	30.0 U	29.1 U
1,2-Dichloroethene, cis-	SW8260D				26.8 UT	30.0 U	29.1 U
Benzene	SW8260D				10.7 UT	12.0 U	11.7 U
Chlorobenzene	SW8260D			320	26.8 UT	30.0 U	29.1 U
Ethylbenzene	SW8260D				26.8 UT	30.0 U	29.1 U
m,p-Xylene	SW8260D				53.7 UT	59.9 U	58.3 U
o-Xylene	SW8260D				26.8 UT	30.0 U	29.1 U
Tetrachloroethene (PCE)	SW8260D				26.8 UT	30.0 U	29.1 U
Toluene	SW8260D				53.7 UT	59.9 U	58.3 U
Trichloroethene (TCE)	SW8260D				26.8 UT	30.0 U	29.1 U
Vinyl chloride	SW8260D				26.8 UT	30.0 U	29.1 U
PH-ROD Total BTEX (U = 1/2 max limit)					53.7 UT	59.9 UT	58.3 UT
PH-ROD Total Xylene (U = 1/2 max limit)					53.7 UT	59.9 UT	58.3 UT
Semivolatile Organics (µg/kg)							
Bis(2-ethylhexyl)phthalate	SW8270E	135			34.8 JT	188 U	487 U
Pentachlorophenol	SW8270E				28.9 UT	125 U	325 U
Polycyclic Aromatic Hydrocarbons (µg/kg)							
2-Methylnaphthalene	SW8270ESIM				5.09 JT	6.86	22.6
Acenaphthene	SW8270ESIM				11.2 T	18.8	36.3
Acenaphthylene	SW8270ESIM				11.8 JT	12.0 J	20.4 J
Anthracene	SW8270ESIM				18.4 T	33.3	65.3
Benzo(a)anthracene	SW8270ESIM				121 T	150	197
Benzo(a)pyrene	SW8270ESIM				222 T	299	385
Benzo(b)fluoranthene	SW8270ESIM				144 T	190	240
Benzo(g,h,i)perylene	SW8270ESIM				251 T	364	444
Benzo(j)fluoranthene	SW8270ESIM				67.5 T	86	116
Benzo(k)fluoranthene	SW8270ESIM				69.5 T	90	119
Chrysene	SW8270ESIM				154 T	189	243

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-060RAB	USMPDI-060RAB	USMPDI-060RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-060RAB-00-10-210317	USMPDI-060RAB-10-20-210317	USMPDI-060RAB-20-28.1-210317
					USMPDI-060RAB-00-10-210317	USMPDI-060RAB-10-20-210317	USMPDI-060RAB-20-28.1-210317
					3/17/2021	3/17/2021	3/17/2021
					0 - 10 ft	10 - 20 ft	20 - 28.1 ft
					N	N	N
					X	7621992.72	7621992.72
					Y	706862.83	706862.83
Dibenzo(a,h)anthracene	SW8270ESIM				30.1 T	41	57.4
Fluoranthene	SW8270ESIM				286 T	288	485
Fluorene	SW8270ESIM				8.65 T	18	28.3
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				186 T	265	338
Naphthalene	SW8270ESIM			140000	9.60 T	31.6	94
Phenanthrene	SW8270ESIM				85.1 T	107	258
Pyrene	SW8270ESIM				419 T	468	748
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					281 T	370 T	480 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	297 T	400 T	520 T
PH-ROD Total HPAH (U = 1/2 max limit)					1950 T	2400 T	3400 T
PH-ROD Total LPAH (U = 1/2 max limit)					150 JT	228 JT	525 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		2100 JT	2700 JT	3900 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				0.112 T	1.2	0.548
2,4'-DDE (o,p'-DDE)	E1699				0.0109 JT	0.0366 J	0.0365 J
2,4'-DDT (o,p'-DDT)	E1699				0.175 T	0.118 J	0.158
4,4'-DDD (p,p'-DDD)	E1699				0.434 T	3.26 J	1.91
4,4'-DDE (p,p'-DDE)	E1699				1.3 T	0.249	0.267
4,4'-DDT (p,p'-DDT)	E1699				3.79 JT	0.563 J	0.503
Aldrin	E1699	2			0.00112 JT	0.00339 J	0.00548 J
Chlordane, alpha- (Chlordane, cis-)	E1699				0.0404 JT	0.00991 U	0.00872 U
Chlordane, beta- (Chlordane, trans-)	E1699				0.0307 JT	0.0180 J	0.0160 J
Dieldrin	E1699	0.07			0.0366 JT	0.0159 J	0.0174 J
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.00354 UT	0.00332 U	0.00427 U
Nonachlor, cis-	E1699				0.0242 JT	0.00411 U	0.0143 U
Nonachlor, trans-	E1699				0.0768 T	0.00457 J	0.00609 U
Oxychlordane	E1699				0.00779 JT	0.00484 U	0.00508 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					0.298 JT	1.4 JT	0.743 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					5.6 JT	4.07 JT	2.68 T
PH-ROD Sum DDD (U = 1/2 max limit)		114			0.545 T	4.5 JT	2.46 T
PH-ROD Sum DDE (U = 1/2 max limit)		50			1.4 JT	0.286 JT	0.304 JT
PH-ROD Sum DDT (U = 1/2 max limit)		246			3.96 JT	0.681 JT	0.661 T
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			0.180 JT	0.0320 JT	0.0331 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-060RAB	USMPDI-060RAB	USMPDI-060RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-060RAB-00-10-210317	USMPDI-060RAB-10-20-210317	USMPDI-060RAB-20-28.1-210317
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
PH-ROD Total DDx (U = 1/2 max limit)		6.1	160	7050	5.9 JT	5.4 JT	3.42 JT
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A				54 UT	59 UJ	57 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				54 UT	59 UJ	57 U
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.0000542 UT	0.0000637 U	0.000108 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.000130 JT	0.000110 J	0.000178 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000234 UT	0.000174 U	0.000466 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000979 JT	0.000592 J	0.000766 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000353 JT	0.0000969 U	0.000417 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0328 T	0.0161	0.0242
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.303 T	0.21 J	0.292
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.000601 JT	0.0000834 J	0.000254 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.00148 JT	0.000667 J	0.000751 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00942 JT	0.00221	0.00680 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0729 T	0.0349	0.0547
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000300 JT	0.000231 J	0.000259 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000309 JT	0.000387 J	0.000509 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.000914 JT	0.000911 J	0.000888 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.000870 JT	0.00136 J	0.00137 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000508 JT	0.000350 J	0.000523 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000101 JT	0.0000911 J	0.000211 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000469 JT	0.000480 J	0.000432 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.00643 T	0.00388	0.00472
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000354 JT	0.000353 J	0.000226 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.0125 T	0.00963	0.00847
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.00522 JT	0.00155 J	0.00254 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.00942 JT	0.00551 J	0.00753 J
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.0116 JT	0.00960 J	0.0101
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.0182 T	0.0145 J	0.015
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.00178 JT	0.0016 JT	0.00182 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.00104 JT	0.00099 JT	0.00119 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.00130 JT	0.0010 JT	0.00128 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-060RAB	USMPDI-060RAB	USMPDI-060RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-060RAB-00-10-210317	USMPDI-060RAB-10-20-210317	USMPDI-060RAB-20-28.1-210317
					USMPDI-060RAB-00-10-210317	USMPDI-060RAB-10-20-210317	USMPDI-060RAB-20-28.1-210317
					3/17/2021	3/17/2021	3/17/2021
					0 - 10 ft	10 - 20 ft	20 - 28.1 ft
					N	N	N
					X	7621992.72	7621992.72
					Y	706862.83	706862.83
PH-ROD Total PCDD/F (U = 1/2 max limit)					0.360 JT	0.24 JT	0.335 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A				1.49 UT	1.57 U	1.67 U
Aroclor 1221	SW8082A				1.49 UT	1.57 U	1.67 U
Aroclor 1232	SW8082A				1.49 UT	1.57 U	1.67 U
Aroclor 1242	SW8082A				1.49 UT	1.57 U	1.56 J
Aroclor 1248	SW8082A				1.49 UT	1.57 U	1.67 U
Aroclor 1254	SW8082A				7.74 JT	2.65 J	2.82 J
Aroclor 1260	SW8082A				1.80 JT	0.970 J	1.44 J
Aroclor 1262	SW8082A				1.49 UT	1.57 U	1.67 U
Aroclor 1268	SW8082A				1.49 UT	1.57 U	1.67 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	14.8 JT	9.12 JT	10.8 JT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			17.2 T	23	46.3
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				2.27 UJT	2.4 UJ	2.48 UJ

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-061RAB	USMPDI-061RAB	USMPDI-061RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-061RAB-00-10-210308	USMPDI-061RAB-10-20-210308	USMPDI-061RAB-20-25.5-210308
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	--
Plastic limit	D4318				--	--	--
Plasticity index	D4318				--	--	--
Specific gravity	D854				--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				0.0807 J	0.305 J	0.18
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	--
Total organic carbon	SM5310BM				0.97 J	0.66 J	0.72 J
Total Solids	SM2540G				84.3	77	76.9
Grain Size (pct)							
Gravel	D6913				--	--	--
Sand	D6913				--	--	--
Total fines (Reported, not calculated)	D6913				--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--
Percent passing 4750 micron sieve (#4)	D6913				--	--	--
Percent passing 2000 micron sieve (#10)	D6913				--	--	--
Percent passing 110 micron sieve (#140)	D6913				--	--	--
Percent passing 850 micron sieve (#20)	D6913				--	--	--
Percent passing 425 micron sieve (#40)	D6913				--	--	--
Percent passing 250 micron sieve (#60)	D6913				--	--	--
Percent passing 150 micron sieve (#100)	D6913				--	--	--
Percent passing 75 micron sieve (#200)	D6913				--	--	--
Metals (mg/kg)							
Arsenic	SW6020B	3			3.98	3.75	3.59
Cadmium	SW6020B	0.51			0.252	0.203 J	0.185 J
Chromium	SW6020B				20.8	23.6	24.4
Copper	SW6020B	359			48.5	33.3	33
Lead	SW6020B	196			62.6	51.2	36.4
Manganese	SW6020B				495	373	541
Mercury	SW6020B	0.085			0.115	0.147	0.113

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-061RAB	USMPDI-061RAB	USMPDI-061RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-061RAB-00-10-210308	USMPDI-061RAB-10-20-210308	USMPDI-061RAB-20-25.5-210308
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Vanadium	SW6020B				89.6	81	89.2
Zinc	SW6020B	459			109	89.8	88.1
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM	3080			3.81 U	3.80 UJ	3.84 UJ
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D				39.5 U	35.0 U	46.8 U
1,2-Dichloroethene, cis-	SW8260D				39.5 U	35.0 U	46.8 U
Benzene	SW8260D				15.8 U	14.0 U	18.7 U
Chlorobenzene	SW8260D			320	39.5 U	35.0 U	46.8 U
Ethylbenzene	SW8260D				39.5 U	35.0 U	46.8 U
m,p-Xylene	SW8260D				78.9 U	70.0 U	93.5 U
o-Xylene	SW8260D				39.5 U	35.0 U	46.8 U
Tetrachloroethene (PCE)	SW8260D				39.5 U	35.0 U	46.8 U
Toluene	SW8260D				78.9 U	70.0 U	93.5 U
Trichloroethene (TCE)	SW8260D				39.5 U	35.0 U	46.8 U
Vinyl chloride	SW8260D				39.5 U	35.0 U	46.8 U
PH-ROD Total BTEX (U = 1/2 max limit)					78.9 UT	70.0 UT	93.5 UT
PH-ROD Total Xylene (U = 1/2 max limit)					78.9 UT	70.0 UT	93.5 UT
Semivolatile Organics (µg/kg)							
Bis(2-ethylhexyl)phthalate	SW8270E	135			1150 U	260 U	515 U
Pentachlorophenol	SW8270E				768 U	173 U	344 U
Polycyclic Aromatic Hydrocarbons (µg/kg)							
2-Methylnaphthalene	SW8270ESIM				10.2 J	21.6 J	17.8 J
Acenaphthene	SW8270ESIM				11.3 J	27.4 J	31.3 J
Acenaphthylene	SW8270ESIM				17.4 J	70.1 J	31.4 J
Anthracene	SW8270ESIM				30.2	176	98.6
Benzo(a)anthracene	SW8270ESIM				186	726	306
Benzo(a)pyrene	SW8270ESIM				445	1560	654
Benzo(b)fluoranthene	SW8270ESIM				309	928	413
Benzo(g,h,i)perylene	SW8270ESIM				574	1530	758
Benzo(j)fluoranthene	SW8270ESIM				124	402	189
Benzo(k)fluoranthene	SW8270ESIM				132	418	211
Chrysene	SW8270ESIM				243	885	389

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-061RAB	USMPDI-061RAB	USMPDI-061RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-061RAB-00-10-210308	USMPDI-061RAB-10-20-210308	USMPDI-061RAB-20-25.5-210308
					USMPDI-061RAB-00-10-210308	USMPDI-061RAB-10-20-210308	USMPDI-061RAB-20-25.5-210308
					3/8/2021	3/8/2021	3/8/2021
					0 - 10 ft	10 - 20 ft	20 - 25.5 ft
					N	N	N
					X 7622099.45	7622099.45	7622099.45
					Y 706750.77	706750.77	706750.77
Dibenzo(a,h)anthracene	SW8270ESIM				71.6	195	97.6
Fluoranthene	SW8270ESIM				359	2390	677
Fluorene	SW8270ESIM				10.7 J	25.6 J	29.2 J
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				424	1030	581
Naphthalene	SW8270ESIM			140000	33.5 J	95.8 J	78.8 J
Phenanthrene	SW8270ESIM				128	510	290
Pyrene	SW8270ESIM				470	3230	899
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					565 T	1750 T	813 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	610 T	2030 T	884 T
PH-ROD Total HPAH (U = 1/2 max limit)					3300 T	13300 T	5170 T
PH-ROD Total LPAH (U = 1/2 max limit)					241 JT	930 JT	580 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		3600 JT	14000 JT	5800 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				0.123	0.417	0.419
2,4'-DDE (o,p'-DDE)	E1699				0.0561	0.101	0.142
2,4'-DDT (o,p'-DDT)	E1699				0.344	0.587	0.507
4,4'-DDD (p,p'-DDD)	E1699				0.382	0.941	1.14
4,4'-DDE (p,p'-DDE)	E1699				0.737	1.4	2.91
4,4'-DDT (p,p'-DDT)	E1699				1.49	2.15	1.79
Aldrin	E1699	2			0.00369 J	0.00473 J	0.00616 U
Chlordane, alpha- (Chlordane, cis-)	E1699				0.1 J	0.174 J	0.204
Chlordane, beta- (Chlordane, trans-)	E1699				0.123 J	0.2 J	0.196
Dieldrin	E1699	0.07			0.0551	0.0493	0.0389
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.00382 UJ	0.00472 U	0.00340 U
Nonachlor, cis-	E1699				0.0322 J	0.0352 J	0.0435
Nonachlor, trans-	E1699				0.0708 J	0.0998 J	0.0908 J
Oxychlordane	E1699				0.00705 J	0.00588 J	0.0140 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					0.523 T	1.11 T	1.07 T
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					2.61 T	4.5 T	5.84 T
PH-ROD Sum DDD (U = 1/2 max limit)		114			0.505 T	1.36 T	1.56 T
PH-ROD Sum DDE (U = 1/2 max limit)		50			0.793 T	1.5 T	3.05 T
PH-ROD Sum DDT (U = 1/2 max limit)		246			1.83 T	2.74 T	2.30 T
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			0.33 JT	0.51 JT	0.541 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-061RAB	USMPDI-061RAB	USMPDI-061RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-061RAB-00-10-210308	USMPDI-061RAB-10-20-210308	USMPDI-061RAB-20-25.5-210308
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
PH-ROD Total DDx (U = 1/2 max limit)		6.1	160	7050	3.13 T	5.6 T	6.91 T
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A				60 U	62 U	63 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				60 U	62 U	63 U
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.000131 J	0.000228 J	0.000110 J
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.000479 U	0.000203 J	0.000146 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000918 U	0.000856 J	0.000287 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00132 J	0.00375	0.00135 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00107 U	0.00125 J	0.000557 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0563	0.346	0.0585
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.584	2.88	0.691
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.000131 J	0.00102 J	0.000326 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.000266 J	0.00412 J	0.00157 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00818 J	0.126	0.0172
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.174	1.3	0.173
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000281 U	0.000292 J	0.000154 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000393 U	0.000381 J	0.000223 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.00136 J	0.00186 J	0.00106 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.000261 U	0.00137 J	0.000509 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000547 J	0.000719 J	0.000372 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000375 U	0.000198 U	0.0000920 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000436 J	0.00127 J	0.000605 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.012	0.0213	0.00911
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000664 U	0.000813 J	0.000421 J
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.0172	0.0233	0.0129
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.000281 U	0.00730 J	0.00333 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.0124	0.0192	0.0105
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.0137	0.0352	0.0127 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.0259	0.0576 J	0.0234
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.00235 JT	0.00403 JT	0.00196 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.00169 JT	0.00308 JT	0.00135 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.00203 JT	0.00651 JT	0.00186 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-061RAB	USMPDI-061RAB	USMPDI-061RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-061RAB-00-10-210308	USMPDI-061RAB-10-20-210308	USMPDI-061RAB-20-25.5-210308
					USMPDI-061RAB-00-10-210308	USMPDI-061RAB-10-20-210308	USMPDI-061RAB-20-25.5-210308
					3/8/2021	3/8/2021	3/8/2021
					0 - 10 ft	10 - 20 ft	20 - 25.5 ft
					N	N	N
					X	7622099.45	7622099.45
					Y	706750.77	706750.77
PH-ROD Total PCDD/F (U = 1/2 max limit)					0.676 JT	3.28 JT	0.777 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A				1.52 U	1.65 U	1.66 U
Aroclor 1221	SW8082A				1.52 U	1.65 U	1.66 U
Aroclor 1232	SW8082A				2.17 U	1.65 U	1.66 U
Aroclor 1242	SW8082A				1.52 U	1.65 U	1.66 U
Aroclor 1248	SW8082A				1.52 U	1.65 U	1.66 U
Aroclor 1254	SW8082A				9.60 J	3.56 J	1.93 J
Aroclor 1260	SW8082A				5.22 J	3.08 J	2.38 J
Aroclor 1262	SW8082A				1.52 U	1.65 U	1.66 U
Aroclor 1268	SW8082A				1.52 U	1.65 U	1.66 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	20.5 JT	12.4 JT	10.1 JT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			56.1	50	68
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				2.43 UJ	2.63 UJ	2.66 UJ

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-062RAB	USMPDI-062RAB	USMPDI-062RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-062RAB-00-10-210309	USMPDI-062RAB-10-20-210309	USMPDI-062RAB-20-25-210309
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	NP
Plastic limit	D4318				--	--	NP
Plasticity index	D4318				--	--	NP
Specific gravity	D854				--	--	2.65
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				0.619 J	0.123 U	0.486
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	35.9
Total organic carbon	SM5310BM				0.75 J	0.63 J	1.3 J
Total Solids	SM2540G				87	80	69.9
Grain Size (pct)							
Gravel	D6913				--	--	0.4
Sand	D6913				--	--	54
Total fines (Reported, not calculated)	D6913				--	--	45.6
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	100
Percent passing 4750 micron sieve (#4)	D6913				--	--	100
Percent passing 2000 micron sieve (#10)	D6913				--	--	99
Percent passing 110 micron sieve (#140)	D6913				--	--	60
Percent passing 850 micron sieve (#20)	D6913				--	--	98
Percent passing 425 micron sieve (#40)	D6913				--	--	97
Percent passing 250 micron sieve (#60)	D6913				--	--	92
Percent passing 150 micron sieve (#100)	D6913				--	--	77
Percent passing 75 micron sieve (#200)	D6913				--	--	46
Metals (mg/kg)							
Arsenic	SW6020B	3			3.4	3.79	2.7
Cadmium	SW6020B	0.51			0.243 U	0.133 J	0.317 U
Chromium	SW6020B				22	24.9	25.2
Copper	SW6020B	359			26.1	21.2	26
Lead	SW6020B	196			54.4 J	19.9	12.7
Manganese	SW6020B				304	297	225
Mercury	SW6020B	0.085			0.0970 U	0.102 U	0.129

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-062RAB	USMPDI-062RAB	USMPDI-062RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-062RAB-00-10-210309	USMPDI-062RAB-10-20-210309	USMPDI-062RAB-20-25-210309
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Vanadium	SW6020B				76.5	68.1	82.2
Zinc	SW6020B	459			69.9	61.4	63
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM	3080			3.80 UJ	3.85 U	1.84 UJ
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D				30.9 U	28.4 U	45.8 U
1,2-Dichloroethene, cis-	SW8260D				30.9 U	28.4 U	45.8 U
Benzene	SW8260D				12.4 U	11.4 U	18.3 U
Chlorobenzene	SW8260D			320	30.9 U	28.4 U	45.8 U
Ethylbenzene	SW8260D				30.9 U	28.4 U	45.8 U
m,p-Xylene	SW8260D				61.8 U	56.9 U	91.6 U
o-Xylene	SW8260D				30.9 U	28.4 U	45.8 U
Tetrachloroethene (PCE)	SW8260D				30.9 U	28.4 U	45.8 U
Toluene	SW8260D				61.8 U	56.9 U	91.6 U
Trichloroethene (TCE)	SW8260D				30.9 U	28.4 U	45.8 U
Vinyl chloride	SW8260D				30.9 U	28.4 U	45.8 U
PH-ROD Total BTEX (U = 1/2 max limit)					61.8 UT	56.9 UT	91.6 UT
PH-ROD Total Xylene (U = 1/2 max limit)					61.8 UT	56.9 UT	91.6 UT
Semivolatile Organics (µg/kg)							
Bis(2-ethylhexyl)phthalate	SW8270E	135			229 U	190 U	227 U
Pentachlorophenol	SW8270E				153 U	-- R	151 U
Polycyclic Aromatic Hydrocarbons (µg/kg)							
2-Methylnaphthalene	SW8270ESIM				4.06 J	6.86 J	17.9 J
Acenaphthene	SW8270ESIM				8.78 J	31.2 J	71.1 J
Acenaphthylene	SW8270ESIM				6.81 J	20.1 J	28.5 J
Anthracene	SW8270ESIM				21.4	53.3	103
Benzo(a)anthracene	SW8270ESIM				95.7	210	384
Benzo(a)pyrene	SW8270ESIM				188	515	772
Benzo(b)fluoranthene	SW8270ESIM				143	294	432
Benzo(g,h,i)perylene	SW8270ESIM				207	519	801
Benzo(j)fluoranthene	SW8270ESIM				67.9	144	222
Benzo(k)fluoranthene	SW8270ESIM				73.9	166	256
Chrysene	SW8270ESIM				147	298	479

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-062RAB	USMPDI-062RAB	USMPDI-062RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-062RAB-00-10-210309	USMPDI-062RAB-10-20-210309	USMPDI-062RAB-20-25-210309
					USMPDI-062RAB-00-10-210309	USMPDI-062RAB-10-20-210309	USMPDI-062RAB-20-25-210309
					3/9/2021	3/9/2021	3/9/2021
					0 - 10 ft	10 - 20 ft	20 - 25 ft
					N	N	N
					X	X	X
					7622208.05	7622208.05	7622208.05
					Y	Y	Y
					706659.45	706659.45	706659.45
Dibenzo(a,h)anthracene	SW8270ESIM				28.7	56.7	90.5
Fluoranthene	SW8270ESIM				302	536	785
Fluorene	SW8270ESIM				6.44 J	24.4 J	34.0 J
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				161	384	587
Naphthalene	SW8270ESIM			140000	12.0 J	35.8 J	111 J
Phenanthrene	SW8270ESIM				102	383	543
Pyrene	SW8270ESIM				296	759	1570
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					285 T	604 T	910 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	258 T	660 T	1010 T
PH-ROD Total HPAH (U = 1/2 max limit)					1710 T	3900 T	6380 T
PH-ROD Total LPAH (U = 1/2 max limit)					161 JT	555 JT	909 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		1870 JT	4400 JT	7290 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				0.278	0.00240 J	0.00321 J
2,4'-DDE (o,p'-DDE)	E1699				0.0677	0.00280 UJ	0.00211 J
2,4'-DDT (o,p'-DDT)	E1699				0.561	0.00701 J	0.0177 J
4,4'-DDD (p,p'-DDD)	E1699				1.05	0.00779 J	0.0174 J
4,4'-DDE (p,p'-DDE)	E1699				0.705	0.0181 J	0.0198 J
4,4'-DDT (p,p'-DDT)	E1699				1.87	0.0274 J	0.103
Aldrin	E1699	2			0.00231 U	0.00187 U	0.00271 U
Chlordane, alpha- (Chlordane, cis-)	E1699				0.0688	0.00591 U	0.00557 U
Chlordane, beta- (Chlordane, trans-)	E1699				0.0616	0.00566 U	0.00644 U
Dieldrin	E1699	0.07			0.0687	0.00388 J	0.00340 J
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.00514 U	0.00324 U	0.00312 U
Nonachlor, cis-	E1699				0.0416	0.00983 U	0.00938 U
Nonachlor, trans-	E1699				0.0774 J	0.00639 UJ	0.00603 UJ
Oxychlordane	E1699				0.00817 U	0.00622 U	0.00598 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					0.907 T	0.0108 JT	0.0230 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					3.63 T	0.0533 JT	0.140 JT
PH-ROD Sum DDD (U = 1/2 max limit)		114			1.33 T	0.0102 JT	0.0206 JT
PH-ROD Sum DDE (U = 1/2 max limit)		50			0.773 T	0.0195 JT	0.0219 JT
PH-ROD Sum DDT (U = 1/2 max limit)		246			2.43 T	0.0344 JT	0.121 JT
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			0.253 JT	0.00983 UJT	0.00938 UJT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-062RAB	USMPDI-062RAB	USMPDI-062RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-062RAB-00-10-210309	USMPDI-062RAB-10-20-210309	USMPDI-062RAB-20-25-210309
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
PH-ROD Total DDx (U = 1/2 max limit)		6.1	160	7050	4.53 T	0.0641 JT	0.163 JT
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A				58 U	61 UJ	70 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				58 U	61 UJ	70 U
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.0000728 J	0.0000543 U	0.0000597 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.000172 J	0.000224 U	0.0000977 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000273 J	0.000127 U	0.0000897 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000909 J	0.00120 J	0.000289 J
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000456 J	0.000535 J	0.000179 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0218	0.0152	0.00537
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.258	0.000666 U	0.0854
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.000506 J	0.0000640 J	0.000110 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.00194 J	0.000733	0.000575 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00757 J	0.0111	0.00341 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.053	0.0371	0.015
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000182 J	0.0000922 U	0.0000855 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000147 J	0.0000791 U	0.000107 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.00107 J	0.000293 J	0.000206 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.000397 J	0.0000861 U	0.000113 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000305 J	0.0000789 U	0.000208 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.0000725 U	0.000112 U	0.000118 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000199 J	0.000368 J	0.000244 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.00904	0.00697	0.00699
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000273 J	0.000132 U	0.000124 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.012	0.00287 J	0.00371 J
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.00397 J	0.00114 J	0.000803
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.0118	0.00286 J	0.00313
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.0103 J	0.00564 J	0.00484 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.0203	0.0114	0.0117
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.00182 JT	0.000687 JT	0.000503 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.00118 JT	0.000476 JT	0.000361 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.00124 JT	0.000687 JT	0.000411 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-062RAB	USMPDI-062RAB	USMPDI-062RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-062RAB-00-10-210309	USMPDI-062RAB-10-20-210309	USMPDI-062RAB-20-25-210309
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
PH-ROD Total PCDD/F (U = 1/2 max limit)					0.305 JT	0.0283 JT	0.103 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A				1.47 U	1.61 U	1.86 U
Aroclor 1221	SW8082A				1.47 U	1.61 U	1.86 U
Aroclor 1232	SW8082A				1.47 U	1.61 U	1.86 U
Aroclor 1242	SW8082A				1.47 U	1.61 U	1.86 U
Aroclor 1248	SW8082A				1.47 U	1.61 U	1.86 U
Aroclor 1254	SW8082A				1.25 J	1.61 U	1.86 U
Aroclor 1260	SW8082A				2.14 J	1.61 U	1.86 U
Aroclor 1262	SW8082A				1.47 U	1.61 U	1.86 U
Aroclor 1268	SW8082A				1.47 U	1.61 U	1.86 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	8.54 JT	1.61 UT	1.86 UT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			48.9	43.1	52.1
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				2.31 UJ	2.47 UJ	2.89 UJ

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-063RAB	USMPDI-063RAB	USMPDI-063RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-063RAB-00-10-210310	USMPDI-063RAB-10-20-210310	USMPDI-063RAB-20-24.7-210310
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	--
Plastic limit	D4318				--	--	--
Plasticity index	D4318				--	--	--
Specific gravity	D854				--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				0.334	1.21	0.71
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	--
Total organic carbon	SM5310BM				0.43	0.89	0.54
Total Solids	SM2540G				80.9	73.9	72.9
Grain Size (pct)							
Gravel	D6913				--	--	--
Sand	D6913				--	--	--
Total fines (Reported, not calculated)	D6913				--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--
Percent passing 4750 micron sieve (#4)	D6913				--	--	--
Percent passing 2000 micron sieve (#10)	D6913				--	--	--
Percent passing 110 micron sieve (#140)	D6913				--	--	--
Percent passing 850 micron sieve (#20)	D6913				--	--	--
Percent passing 425 micron sieve (#40)	D6913				--	--	--
Percent passing 250 micron sieve (#60)	D6913				--	--	--
Percent passing 150 micron sieve (#100)	D6913				--	--	--
Percent passing 75 micron sieve (#200)	D6913				--	--	--
Metals (mg/kg)							
Arsenic	SW6020B	3			2.77	3.55	3.4
Cadmium	SW6020B	0.51			0.256 U	0.274 U	0.292 U
Chromium	SW6020B				28	27.7	25.5
Copper	SW6020B	359			25.2	29.6	26.5
Lead	SW6020B	196			17.2 J	21.8 J	40.0 J
Manganese	SW6020B				239	360	271
Mercury	SW6020B	0.085			0.103 U	0.0716 J	0.117 U

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-063RAB	USMPDI-063RAB	USMPDI-063RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-063RAB-00-10-210310	USMPDI-063RAB-10-20-210310	USMPDI-063RAB-20-24.7-210310
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Vanadium	SW6020B				70.3	92.6	86.6
Zinc	SW6020B	459			62.3	71.6	72.7
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM	3080			3.84 U	3.85 UJ	3.83 UJ
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D				32.9 U	37.8 U	42.1 U
1,2-Dichloroethene, cis-	SW8260D				32.9 U	37.8 U	42.1 U
Benzene	SW8260D				13.2 U	15.1 U	16.8 U
Chlorobenzene	SW8260D			320	32.9 U	37.8 U	42.1 U
Ethylbenzene	SW8260D				32.9 U	37.8 U	42.1 U
m,p-Xylene	SW8260D				65.9 U	75.7 U	84.2 U
o-Xylene	SW8260D				32.9 U	37.8 U	42.1 U
Tetrachloroethene (PCE)	SW8260D				32.9 U	37.8 U	42.1 U
Toluene	SW8260D				65.9 U	75.7 U	84.2 U
Trichloroethene (TCE)	SW8260D				32.9 U	37.8 U	42.1 U
Vinyl chloride	SW8260D				32.9 U	37.8 U	42.1 U
PH-ROD Total BTEX (U = 1/2 max limit)					65.9 UT	75.7 UT	84.2 UT
PH-ROD Total Xylene (U = 1/2 max limit)					65.9 UT	75.7 UT	84.2 UT
Semivolatile Organics (µg/kg)							
Bis(2-ethylhexyl)phthalate	SW8270E	135			191 U	215 U	216 U
Pentachlorophenol	SW8270E				128 U	144 U	144 U
Polycyclic Aromatic Hydrocarbons (µg/kg)							
2-Methylnaphthalene	SW8270ESIM				9.51 J	97.6 J	14.0 J
Acenaphthene	SW8270ESIM				9.21 J	209 J	25.6 J
Acenaphthylene	SW8270ESIM				17.2 J	55.0 J	18.1 J
Anthracene	SW8270ESIM				42.7	249	64.6
Benzo(a)anthracene	SW8270ESIM				236	742	249
Benzo(a)pyrene	SW8270ESIM				620	1430	483
Benzo(b)fluoranthene	SW8270ESIM				350	833	259
Benzo(g,h,i)perylene	SW8270ESIM				681	1160	481
Benzo(j)fluoranthene	SW8270ESIM				178	394	146
Benzo(k)fluoranthene	SW8270ESIM				210	388	162
Chrysene	SW8270ESIM				300	902	317

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-063RAB	USMPDI-063RAB	USMPDI-063RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-063RAB-00-10-210310	USMPDI-063RAB-10-20-210310	USMPDI-063RAB-20-24.7-210310
					USMPDI-063RAB-00-10-210310	USMPDI-063RAB-10-20-210310	USMPDI-063RAB-20-24.7-210310
					3/10/2021	3/10/2021	3/10/2021
					0 - 10 ft	10 - 20 ft	20 - 24.7 ft
					N	N	N
					X	X	X
					7622338.28	7622338.28	7622338.28
					Y	Y	Y
					706535.80	706535.80	706535.80
Dibenzo(a,h)anthracene	SW8270ESIM				81.2	162	49.8
Fluoranthene	SW8270ESIM				425	2490	589
Fluorene	SW8270ESIM				8.73 J	138 J	21.1 J
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				504	988	351
Naphthalene	SW8270ESIM			140000	34.9 J	362 J	68.9 J
Phenanthrene	SW8270ESIM				140	2100	325
Pyrene	SW8270ESIM				696	3430	838
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					740 T	1620 T	567 T
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	810 T	1850 T	621 T
PH-ROD Total HPAH (U = 1/2 max limit)					4300 T	12900 T	3920 T
PH-ROD Total LPAH (U = 1/2 max limit)					260 JT	3200 JT	537 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		4500 JT	16000 JT	4460 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				0.00438 J	0.00389 U	0.00309 U
2,4'-DDE (o,p'-DDE)	E1699				0.00538 J	0.00148 U	0.00120 U
2,4'-DDT (o,p'-DDT)	E1699				0.0711	0.00975 U	0.00846 U
4,4'-DDD (p,p'-DDD)	E1699				0.0151 J	0.00492 U	0.00380 U
4,4'-DDE (p,p'-DDE)	E1699				0.0986	0.00749 J	0.00578 J
4,4'-DDT (p,p'-DDT)	E1699				0.71	0.0123 J	0.0178 J
Aldrin	E1699	2			0.00262 U	0.0143 U	0.00794 U
Chlordane, alpha- (Chlordane, cis-)	E1699				0.0174 J	0.00802 U	0.00531 U
Chlordane, beta- (Chlordane, trans-)	E1699				0.0186 J	0.00970 U	0.00609 U
Dieldrin	E1699	0.07			0.0169 J	0.00675 U	0.00297 J
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.00241 U	0.00357 U	0.00312 U
Nonachlor, cis-	E1699				0.00407 J	0.0123 U	0.00814 U
Nonachlor, trans-	E1699				0.0171 J	0.00868 UJ	0.00575 UJ
Oxychlordane	E1699				0.00446 U	0.00867 U	0.00531 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					0.0809 JT	0.00975 UT	0.00846 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					0.82 JT	0.0223 JT	0.0255 JT
PH-ROD Sum DDD (U = 1/2 max limit)		114			0.0195 JT	0.00492 UT	0.00380 UT
PH-ROD Sum DDE (U = 1/2 max limit)		50			0.104 JT	0.00823 JT	0.00638 JT
PH-ROD Sum DDT (U = 1/2 max limit)		246			0.78 T	0.0172 JT	0.0220 JT
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			0.0594 JT	0.0123 UJT	0.00814 UJT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-063RAB	USMPDI-063RAB	USMPDI-063RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-063RAB-00-10-210310	USMPDI-063RAB-10-20-210310	USMPDI-063RAB-20-24.7-210310
					USMPDI-063RAB-00-10-210310	USMPDI-063RAB-10-20-210310	USMPDI-063RAB-20-24.7-210310
					3/10/2021	3/10/2021	3/10/2021
					0 - 10 ft	10 - 20 ft	20 - 24.7 ft
					N	N	N
					X 7622338.28	X 7622338.28	X 7622338.28
					Y 706535.80	Y 706535.80	Y 706535.80
PH-ROD Total DDx (U = 1/2 max limit)		6.1	160	7050	0.90 JT	0.0298 JT	0.0319 JT
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A				61 U	67 U	67 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				61 U	67 U	67 U
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.000135 U	0.000114 U	0.000445 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.000221 J	0.000148 U	0.000565 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000454 U	0.000231 U	0.00117 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000974 J	0.000243 U	0.000778 UJ
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000415 J	0.000251 U	0.00120 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0167	0.00432	0.00426
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.174	0.056	0.0676
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.000115	0.000114 U	0.000445 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.00141 J	0.000399 J	0.000565 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00738 J	0.00154 J	0.000834 UJ
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0353	0.0111	0.0142
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000241 U	0.0000801 U	0.000603 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000265 U	0.0000788 U	0.000791 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.000642 J	0.000166 J	0.000683 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.000382 J	0.000102 J	0.000485 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000353 J	0.000224 J	0.000456 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000228 U	0.000188 U	0.000541 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000603 J	0.000157 J	0.000560 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.0205	0.00579	0.00591
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000333 U	0.000190 U	0.00118 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.0112	0.00209 J	0.00122 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.00186	0.00109 J	0.000603 U
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.00773 J	0.00253 J	0.000791 U
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.0153	0.00510 J	0.00156 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.0378	0.0106	0.0103
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.00151 JT	0.000487 JT	0.00146 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.00114 JT	0.000405 JT	0.00119 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.00123 JT	0.000399 JT	0.00104 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-063RAB	USMPDI-063RAB	USMPDI-063RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-063RAB-00-10-210310	USMPDI-063RAB-10-20-210310	USMPDI-063RAB-20-24.7-210310
					USMPDI-063RAB-00-10-210310	USMPDI-063RAB-10-20-210310	USMPDI-063RAB-20-24.7-210310
					3/10/2021	3/10/2021	3/10/2021
					0 - 10 ft	10 - 20 ft	20 - 24.7 ft
					N	N	N
					X	7622338.28	7622338.28
					Y	706535.80	706535.80
PH-ROD Total PCDD/F (U = 1/2 max limit)					0.227 JT	0.0696 JT	0.0831 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A				1.58 U	1.75 U	1.81 U
Aroclor 1221	SW8082A				1.58 U	1.75 U	1.81 U
Aroclor 1232	SW8082A				1.58 U	1.75 U	1.81 U
Aroclor 1242	SW8082A				1.58 U	1.75 U	1.81 U
Aroclor 1248	SW8082A				1.58 U	1.75 U	1.81 U
Aroclor 1254	SW8082A				1.58 U	1.75 U	1.81 U
Aroclor 1260	SW8082A				1.64 J	1.16 J	1.81 U
Aroclor 1262	SW8082A				1.58 U	1.75 U	1.81 U
Aroclor 1268	SW8082A				1.58 U	1.75 U	1.81 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	7.96 JT	8.16 JT	1.81 UT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			18.3	85.5	21
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				2.53 UJ	2.77 UJ	2.83 UJ

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-064RAB	USMPDI-064RAB	USMPDI-064RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-064RAB-00-10-210310	USMPDI-064RAB-10-20-210311	USMPDI-064RAB-20-23.4-210311
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	--
Plastic limit	D4318				--	--	--
Plasticity index	D4318				--	--	--
Specific gravity	D854				--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				12.5	0.504 T	0.623
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	--
Total organic carbon	SM5310BM				2.9	0.86 T	0.26
Total Solids	SM2540G				84.4	71.3 T	71.5
Grain Size (pct)							
Gravel	D6913				--	--	--
Sand	D6913				--	--	--
Total fines (Reported, not calculated)	D6913				--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--
Percent passing 4750 micron sieve (#4)	D6913				--	--	--
Percent passing 2000 micron sieve (#10)	D6913				--	--	--
Percent passing 110 micron sieve (#140)	D6913				--	--	--
Percent passing 850 micron sieve (#20)	D6913				--	--	--
Percent passing 425 micron sieve (#40)	D6913				--	--	--
Percent passing 250 micron sieve (#60)	D6913				--	--	--
Percent passing 150 micron sieve (#100)	D6913				--	--	--
Percent passing 75 micron sieve (#200)	D6913				--	--	--
Metals (mg/kg)							
Arsenic	SW6020B	3			5.64	8.23 T	7.18
Cadmium	SW6020B	0.51			0.52	0.196 JT	0.167 J
Chromium	SW6020B				23.2	29.7 T	17.9
Copper	SW6020B	359			57.3	34.0 T	23
Lead	SW6020B	196			181 J	55.9 JT	19.5 J
Manganese	SW6020B				485	821 T	775
Mercury	SW6020B	0.085			0.0804 J	0.113 UT	0.114 U

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-064RAB	USMPDI-064RAB	USMPDI-064RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-064RAB-00-10-210310	USMPDI-064RAB-10-20-210311	USMPDI-064RAB-20-23.4-210311
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Vanadium	SW6020B				134	129 T	98
Zinc	SW6020B	459			253	107 T	81
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM	3080			38.6 U	3.82 UJT	3.82 UJ
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D				30.6 U	35.7 UT	36.0 U
1,2-Dichloroethene, cis-	SW8260D				30.6 U	77.6 T	36.0 U
Benzene	SW8260D				12.3 U	14.3 UT	14.4 U
Chlorobenzene	SW8260D			320	30.6 U	35.7 UT	36.0 U
Ethylbenzene	SW8260D				30.6 U	35.7 UT	36.0 U
m,p-Xylene	SW8260D				61.3 U	71.4 UT	72.1 U
o-Xylene	SW8260D				30.6 U	35.7 UT	36.0 U
Tetrachloroethene (PCE)	SW8260D				30.6 U	35.7 UT	36.0 U
Toluene	SW8260D				61.3 U	71.4 UT	72.1 U
Trichloroethene (TCE)	SW8260D				30.6 U	35.7 UT	36.0 U
Vinyl chloride	SW8260D				30.6 U	35.7 UT	36.0 U
PH-ROD Total BTEX (U = 1/2 max limit)					61.3 UT	71.4 UT	72.1 UT
PH-ROD Total Xylene (U = 1/2 max limit)					61.3 UT	71.4 UT	72.1 UT
Semivolatile Organics (µg/kg)							
Bis(2-ethylhexyl)phthalate	SW8270E	135			1850 U	546 UT	553 U
Pentachlorophenol	SW8270E				1230 U	365 UT	369 U
Polycyclic Aromatic Hydrocarbons (µg/kg)							
2-Methylnaphthalene	SW8270ESIM				27.8 J	6.56 JT	1.58 J
Acenaphthene	SW8270ESIM				91.0 J	9.94 JT	5.27 J
Acenaphthylene	SW8270ESIM				18.2 J	33.5 JT	4.91 J
Anthracene	SW8270ESIM				172	53.7 JT	7.08 J
Benzo(a)anthracene	SW8270ESIM				438	320 JT	38.8 J
Benzo(a)pyrene	SW8270ESIM				785	848 T	82.4
Benzo(b)fluoranthene	SW8270ESIM				426	551 JT	54.7
Benzo(g,h,i)perylene	SW8270ESIM				310	907 JT	101
Benzo(j)fluoranthene	SW8270ESIM				208	226 JT	26.2 J
Benzo(k)fluoranthene	SW8270ESIM				249	248 JT	27.7 J
Chrysene	SW8270ESIM				775	412 JT	49.3 J

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-064RAB	USMPDI-064RAB	USMPDI-064RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-064RAB-00-10-210310	USMPDI-064RAB-10-20-210311	USMPDI-064RAB-20-23.4-210311
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Dibenzo(a,h)anthracene	SW8270ESIM				70	85.6 JT	9.38 J
Fluoranthene	SW8270ESIM				1290	780 JT	97.2
Fluorene	SW8270ESIM				141 J	21.1 JT	7.43 J
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				292	702 JT	75.2
Naphthalene	SW8270ESIM			140000	22.7 J	33.2 JT	2.65 J
Phenanthrene	SW8270ESIM				458	223 JT	26.6 J
Pyrene	SW8270ESIM				1550	1230 T	140
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					883 T	1020 JT	109 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	974 T	1100 JT	109 JT
PH-ROD Total HPAH (U = 1/2 max limit)					6400 T	6300 JT	700 JT
PH-ROD Total LPAH (U = 1/2 max limit)					931 JT	380 JT	55.5 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		7300 JT	6700 JT	760 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				2.2	0.23 T	0.112
2,4'-DDE (o,p'-DDE)	E1699				0.248	0.0225 JT	0.0116 J
2,4'-DDT (o,p'-DDT)	E1699				0.578 J	0.0166 UT	0.00991 U
4,4'-DDD (p,p'-DDD)	E1699				8.76	0.966 T	0.451
4,4'-DDE (p,p'-DDE)	E1699				2.34	0.199 T	0.1
4,4'-DDT (p,p'-DDT)	E1699				3.21 J	0.0248 UT	0.117
Aldrin	E1699	2			0.232 U	0.0154 UT	0.00418 U
Chlordane, alpha- (Chlordane, cis-)	E1699				0.445	0.0119 UT	0.00948 U
Chlordane, beta- (Chlordane, trans-)	E1699				0.338 J	0.0118 UT	0.0163 J
Dieldrin	E1699	0.07			0.225	0.0287 JT	0.0154 J
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.0110 U	0.00646 UT	0.00450 U
Nonachlor, cis-	E1699				0.24 U	0.0327 UJT	0.0184 U
Nonachlor, trans-	E1699				0.209 J	0.0131 UT	0.0104 U
Oxychlordane	E1699				0.0607 U	0.00499 JT	0.00808 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					3.0 JT	0.26 JT	0.129 JT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					14.3 JT	1.18 T	0.67 T
PH-ROD Sum DDD (U = 1/2 max limit)		114			11 T	1.2 T	0.563 T
PH-ROD Sum DDE (U = 1/2 max limit)		50			2.59 T	0.221 JT	0.11 JT
PH-ROD Sum DDT (U = 1/2 max limit)		246			3.79 JT	0.0248 UT	0.122 T
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			1.14 JT	0.0397 JT	0.0395 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-064RAB	USMPDI-064RAB	USMPDI-064RAB
	Sample ID				USMPDI-064RAB-00-10-210310	USMPDI-064RAB-10-20-210311	USMPDI-064RAB-20-23.4-210311
	Sample Date				3/10/2021	3/11/2021	3/11/2021
Depth				0 - 10 ft	10 - 20 ft	20 - 23.4 ft	
Sample Type				N	N	N	
X				7622318.60	7622318.60	7622318.60	
Y				706400.29	706400.29	706400.29	
Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold				
PH-ROD Total DDx (U = 1/2 max limit)	6.1	160	7050	17 JT	1.4 JT	0.80 JT	
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A			56 U	68 UT	65 U	
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A			56 U	68 UT	65 U	
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.000194 J	0.0000400 UT	
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.000314 J	0.0000717 UT	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000256 U	0.000106 UT	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00130 J	0.000113 UT	
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000866 J	0.000110 UT	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0245	0.00121 JT	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.169	0.00512 JT	
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.00193 J	0.0000400 UT	
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.00432 J	0.000218 JT	
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.0123	0.000622 T	
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0466	0.00148 T	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000411 J	0.0000320 UT	
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000325 J	0.0000467 UT	
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.00137 J	0.0000448 UT	
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.000795 J	0.0000397 UT	
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000464 J	0.0000411 UT	
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000240 U	0.0000320 JT	
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000874 J	0.0000498 UT	
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.0255	0.000234 JT	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000290 U	0.0000771 UT	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.0196	0.000236 UT	
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.00653 J	0.000168 JT	
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.0155 J	0.000277 JT	
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.0151	0.000244 JT	
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.046	0.000532 T	
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.00295 JT	0.000119 JT	
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.00184 JT	0.000111 JT	
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.00198 JT	0.000107 JT	

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-064RAB	USMPDI-064RAB	USMPDI-064RAB
	Sample ID				USMPDI-064RAB-00-10-210310	USMPDI-064RAB-10-20-210311	USMPDI-064RAB-20-23.4-210311
	Sample Date				3/10/2021	3/11/2021	3/11/2021
Depth				0 - 10 ft	10 - 20 ft	20 - 23.4 ft	
Sample Type				N	N	N	
X				7622318.60	7622318.60	7622318.60	
Y				706400.29	706400.29	706400.29	
Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold				
PH-ROD Total PCDD/F (U = 1/2 max limit)				0.246 JT	0.00710 JT	0.0135 JT	
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A			1.56 U	1.82 UT	1.84 U	
Aroclor 1221	SW8082A			1.56 U	1.82 UT	1.84 U	
Aroclor 1232	SW8082A			4.33 U	1.82 UT	1.84 U	
Aroclor 1242	SW8082A			1.56 U	1.82 UT	1.84 U	
Aroclor 1248	SW8082A			2.11 U	1.82 UT	1.84 U	
Aroclor 1254	SW8082A			5.15 J	1.82 UT	1.03 J	
Aroclor 1260	SW8082A			4.02 J	1.82 UT	1.84 U	
Aroclor 1262	SW8082A			1.56 U	1.82 UT	1.84 U	
Aroclor 1268	SW8082A			1.56 U	1.82 UT	1.84 U	
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	16.3 JT	8.39 JT	
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			3460	401 T	
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				59.6 J	4.44 JT	

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-066RAB	USMPDI-066RAB	USMPDI-066RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-066RAB-00-10-210315	USMPDI-066RAB-10-20-210315	USMPDI-066RAB-20-22.5-210315
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Conventional Parameters (unitless)							
Liquid limit	D4318				--	33	--
Plastic limit	D4318				--	21	--
Plasticity index	D4318				--	12	--
Specific gravity	D854				--	2.68	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				0.109 U	0.124 U	0.139 U
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	33.9	--
Total organic carbon	SM5310BM				0.16	0.24	0.06
Total Solids	SM2540G				89.7	77.5	69.6
Grain Size (pct)							
Gravel	D6913				--	4	--
Sand	D6913				--	56.3	--
Total fines (Reported, not calculated)	D6913				--	39.7	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	100	--
Percent passing 4750 micron sieve (#4)	D6913				--	96	--
Percent passing 2000 micron sieve (#10)	D6913				--	94	--
Percent passing 110 micron sieve (#140)	D6913				--	52	--
Percent passing 850 micron sieve (#20)	D6913				--	93	--
Percent passing 425 micron sieve (#40)	D6913				--	88	--
Percent passing 250 micron sieve (#60)	D6913				--	82	--
Percent passing 150 micron sieve (#100)	D6913				--	71	--
Percent passing 75 micron sieve (#200)	D6913				--	40	--
Metals (mg/kg)							
Arsenic	SW6020B	3			3.6	4.58	4.73
Cadmium	SW6020B	0.51			0.233 U	0.277 U	0.151 J
Chromium	SW6020B				11.5	15	13.4
Copper	SW6020B	359			19	23.3	20.2
Lead	SW6020B	196			40.9	12.2	7.69
Manganese	SW6020B				245	688	567
Mercury	SW6020B	0.085			0.135	0.111 U	0.114 U

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-066RAB	USMPDI-066RAB	USMPDI-066RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-066RAB-00-10-210315	USMPDI-066RAB-10-20-210315	USMPDI-066RAB-20-22.5-210315
					USMPDI-066RAB-00-10-210315	USMPDI-066RAB-10-20-210315	USMPDI-066RAB-20-22.5-210315
					3/15/2021	3/15/2021	3/15/2021
					0 - 10 ft	10 - 20 ft	20 - 22.5 ft
					N	N	N
					X	X	X
					7622415.38	7622415.38	7622415.38
					Y	Y	Y
					706208.50	706208.50	706208.50
Vanadium	SW6020B				49.5	86.3	89.3
Zinc	SW6020B	459			50.9	57	62.4
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM	3080			3.84 U	3.82 U	3.81 U
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D				32.3 U	30.2 U	40.5 U
1,2-Dichloroethene, cis-	SW8260D				32.3 U	30.2 U	40.5 U
Benzene	SW8260D				12.9 U	12.1 U	16.2 U
Chlorobenzene	SW8260D			320	32.3 U	30.2 U	40.5 U
Ethylbenzene	SW8260D				32.3 U	30.2 U	40.5 U
m,p-Xylene	SW8260D				64.6 U	60.4 U	81.1 U
o-Xylene	SW8260D				32.3 U	30.2 U	40.5 U
Tetrachloroethene (PCE)	SW8260D				32.3 U	30.2 U	40.5 U
Toluene	SW8260D				64.6 U	60.4 U	81.1 U
Trichloroethene (TCE)	SW8260D				32.3 U	30.2 U	40.5 U
Vinyl chloride	SW8260D				32.3 U	30.2 U	40.5 U
PH-ROD Total BTEX (U = 1/2 max limit)					64.6 UT	60.4 UT	81.1 UT
PH-ROD Total Xylene (U = 1/2 max limit)					64.6 UT	60.4 UT	81.1 UT
Semivolatile Organics (µg/kg)							
Bis(2-ethylhexyl)phthalate	SW8270E	135			173 U	206 U	56.3 U
Pentachlorophenol	SW8270E				115 UJ	137 U	37.6 U
Polycyclic Aromatic Hydrocarbons (µg/kg)							
2-Methylnaphthalene	SW8270ESIM				4.99 UJ	2.49 UJ	0.16 J
Acenaphthene	SW8270ESIM				2.32 J	0.84 J	0.31 J
Acenaphthylene	SW8270ESIM				9.81 J	2.27 J	0.63 J
Anthracene	SW8270ESIM				15.6	5.08	1.68
Benzo(a)anthracene	SW8270ESIM				92.3	27.3	6.2
Benzo(a)pyrene	SW8270ESIM				187	60.6	12.6
Benzo(b)fluoranthene	SW8270ESIM				130	43.8	9.21
Benzo(g,h,i)perylene	SW8270ESIM				252	76.5	17.9
Benzo(j)fluoranthene	SW8270ESIM				55.9 J	17.9 J	4.01 J
Benzo(k)fluoranthene	SW8270ESIM				59	19.5	4.07
Chrysene	SW8270ESIM				120	40.1	8.36

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-066RAB	USMPDI-066RAB	USMPDI-066RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-066RAB-00-10-210315	USMPDI-066RAB-10-20-210315	USMPDI-066RAB-20-22.5-210315
					USMPDI-066RAB-00-10-210315	USMPDI-066RAB-10-20-210315	USMPDI-066RAB-20-22.5-210315
					3/15/2021	3/15/2021	3/15/2021
					0 - 10 ft	10 - 20 ft	20 - 22.5 ft
					N	N	N
					X	X	X
					7622415.38	7622415.38	7622415.38
					Y	Y	Y
					706208.50	706208.50	706208.50
Dibenzo(a,h)anthracene	SW8270ESIM				28.4	8.72	1.84
Fluoranthene	SW8270ESIM				222	62.9	15.3
Fluorene	SW8270ESIM				4.99 UJ	2.49 UJ	0.50 UJ
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				180	57.5	12.9
Naphthalene	SW8270ESIM			140000	5.99 UJ	2.99 UJ	0.54 J
Phenanthrene	SW8270ESIM				62	21.5	5.05
Pyrene	SW8270ESIM				307	92.1	21.1
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					240 JT	81.2 JT	17.3 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	260 T	82.4 T	17.3 T
PH-ROD Total HPAH (U = 1/2 max limit)					1600 JT	507 JT	113 JT
PH-ROD Total LPAH (U = 1/2 max limit)					97.7 JT	34 JT	8.6 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		1700 JT	540 JT	120 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				0.00235 U	0.00116 U	0.00131 U
2,4'-DDE (o,p'-DDE)	E1699				0.00121 U	0.000579 U	0.000742 U
2,4'-DDT (o,p'-DDT)	E1699				0.00517 U	0.00260 UJ	0.00263 UJ
4,4'-DDD (p,p'-DDD)	E1699				0.00288 U	0.00142 U	0.00170 U
4,4'-DDE (p,p'-DDE)	E1699				0.00820 J	0.00381 J	0.00103 U
4,4'-DDT (p,p'-DDT)	E1699				0.00658 U	0.00335 UJ	0.00355 UJ
Aldrin	E1699	2			0.000829 U	0.000288 J	0.000493 U
Chlordane, alpha- (Chlordane, cis-)	E1699				0.00301 U	0.00171 U	0.00155 U
Chlordane, beta- (Chlordane, trans-)	E1699				0.00638 J	0.00326 J	0.00139 U
Dieldrin	E1699	0.07			0.00254 U	0.00261 U	0.00139 U
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.00402 U	0.00151 U	0.00190 U
Nonachlor, cis-	E1699				0.00535 U	0.00157 U	0.00313 U
Nonachlor, trans-	E1699				0.00331 U	0.00188 U	0.00145 U
Oxychlordane	E1699				0.00282 U	0.00175 U	0.00141 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					0.00517 UT	0.00260 UJT	0.00263 UJT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					0.0129 JT	0.00620 JT	0.00355 UJT
PH-ROD Sum DDD (U = 1/2 max limit)		114			0.00288 UT	0.00142 UT	0.00170 UT
PH-ROD Sum DDE (U = 1/2 max limit)		50			0.00881 JT	0.00410 JT	0.00103 UT
PH-ROD Sum DDT (U = 1/2 max limit)		246			0.00658 UT	0.00335 UJT	0.00355 UJT
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			0.0136 JT	0.00672 JT	0.00313 UT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-066RAB	USMPDI-066RAB	USMPDI-066RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-066RAB-00-10-210315	USMPDI-066RAB-10-20-210315	USMPDI-066RAB-20-22.5-210315
					USMPDI-066RAB-00-10-210315	USMPDI-066RAB-10-20-210315	USMPDI-066RAB-20-22.5-210315
					3/15/2021	3/15/2021	3/15/2021
					0 - 10 ft	10 - 20 ft	20 - 22.5 ft
					N	N	N
					X 7622415.38	X 7622415.38	X 7622415.38
					Y 706208.50	Y 706208.50	Y 706208.50
PH-ROD Total DDx (U = 1/2 max limit)		6.1	160	7050	0.0173 JT	0.00836 JT	0.00355 UJT
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A				55 U	56 U	69 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				55 U	56 U	69 U
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.0000348 U	0.0000359 U	0.0000439 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.0000653 U	0.0000604 U	0.000104 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000171 U	0.000161 U	0.000217 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000181 U	0.000160 U	0.000229 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000162 U	0.000173 U	0.000219 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.000515 J	0.000138 J	0.00114 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.00359 J	0.000690 J	0.00762
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.0000348 U	0.0000359 U	0.0000439 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.000173 J	0.000139 J	0.000271 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000198	0.000173 U	0.000812
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.00116	0.000138 J	0.00282
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.0000360 U	0.0000260 U	0.0000250 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.0000422 U	0.0000324 J	0.0000355 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.0000427 U	0.0000527 U	0.0000246 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.0000497 U	0.0000543 U	0.0000325 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.0000529 U	0.0000558 U	0.0000328 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.0000450 J	0.0000745 U	0.0000433 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.0000603 U	0.0000652 U	0.0000382 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.0000634 U	0.0000326 U	0.0000310 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.0000913 U	0.0000566 U	0.0000497 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.000187 U	0.000202 U	0.000178 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.000139 J	0.0000320 J	0.0000270 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.000440 J	0.000149 J	0.0000870 J
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.000250 J	0.0000290 J	0.0000433 U
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.0000913 U	0.0000566 U	0.0000497 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.000119 JT	0.000117 JT	0.000129 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.000121 JT	0.000119 JT	0.000149 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.000104 JT	0.0000976 JT	0.000135 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-066RAB	USMPDI-066RAB	USMPDI-066RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-066RAB-00-10-210315	USMPDI-066RAB-10-20-210315	USMPDI-066RAB-20-22.5-210315
					USMPDI-066RAB-00-10-210315	USMPDI-066RAB-10-20-210315	USMPDI-066RAB-20-22.5-210315
					3/15/2021	3/15/2021	3/15/2021
					0 - 10 ft	10 - 20 ft	20 - 22.5 ft
					N	N	N
					X	X	X
					7622415.38	7622415.38	7622415.38
					Y	Y	Y
					706208.50	706208.50	706208.50
PH-ROD Total PCDD/F (U = 1/2 max limit)					0.00477 JT	0.00147 JT	0.00943 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A				1.48 U	1.71 U	1.91 U
Aroclor 1221	SW8082A				1.48 U	1.71 U	1.91 U
Aroclor 1232	SW8082A				1.48 U	1.71 U	1.91 U
Aroclor 1242	SW8082A				1.48 U	1.71 U	1.91 U
Aroclor 1248	SW8082A				1.48 U	1.71 U	1.91 U
Aroclor 1254	SW8082A				1.48 U	1.71 U	1.91 U
Aroclor 1260	SW8082A				1.48 U	1.71 U	1.91 U
Aroclor 1262	SW8082A				1.48 U	1.71 U	1.91 U
Aroclor 1268	SW8082A				1.48 U	1.71 U	1.91 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	1.48 UT	1.71 UT	1.91 UT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			20.4	19.9	6.84 U
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				2.22 U	2.58 U	2.74 U

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-067RAB	USMPDI-067RAB	USMPDI-067RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-067RAB-00-10-210316	USMPDI-067RAB-10-20-210316	USMPDI-067RAB-20-21.9-210316
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	--
Plastic limit	D4318				--	--	--
Plasticity index	D4318				--	--	--
Specific gravity	D854				--	--	--
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				1.71	1.56 J	0.241
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	--
Total organic carbon	SM5310BM				0.69	0.26	0.44
Total Solids	SM2540G				88.2	76.4	64.2
Grain Size (pct)							
Gravel	D6913				--	--	--
Sand	D6913				--	--	--
Total fines (Reported, not calculated)	D6913				--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	--
Percent passing 4750 micron sieve (#4)	D6913				--	--	--
Percent passing 2000 micron sieve (#10)	D6913				--	--	--
Percent passing 110 micron sieve (#140)	D6913				--	--	--
Percent passing 850 micron sieve (#20)	D6913				--	--	--
Percent passing 425 micron sieve (#40)	D6913				--	--	--
Percent passing 250 micron sieve (#60)	D6913				--	--	--
Percent passing 150 micron sieve (#100)	D6913				--	--	--
Percent passing 75 micron sieve (#200)	D6913				--	--	--
Metals (mg/kg)							
Arsenic	SW6020B	3			3.52	3.98	5.42
Cadmium	SW6020B	0.51			1.35	0.270 U	0.342 U
Chromium	SW6020B				13.1	22.4	33.9
Copper	SW6020B	359			58.8	20.1	36.8
Lead	SW6020B	196			559	6.29	10.6
Manganese	SW6020B				301	355	496
Mercury	SW6020B	0.085			0.0995 U	0.108 U	0.137 U

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-067RAB	USMPDI-067RAB	USMPDI-067RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-067RAB-00-10-210316	USMPDI-067RAB-10-20-210316	USMPDI-067RAB-20-21.9-210316
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Vanadium	SW6020B				106	85.5	104
Zinc	SW6020B	459			464	71.1	71.3
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM	3080			3.84 UJ	3.85 UJ	3.96 UJ
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D				26.7 U	40.6 U	48.9 U
1,2-Dichloroethene, cis-	SW8260D				26.7 U	40.6 U	48.9 U
Benzene	SW8260D				10.7 U	16.2 U	19.6 U
Chlorobenzene	SW8260D			320	26.7 U	40.6 U	48.9 U
Ethylbenzene	SW8260D				26.7 U	40.6 U	48.9 U
m,p-Xylene	SW8260D				53.4 U	81.1 U	97.8 U
o-Xylene	SW8260D				26.7 U	40.6 U	48.9 U
Tetrachloroethene (PCE)	SW8260D				26.7 U	40.6 U	48.9 U
Toluene	SW8260D				53.4 U	81.1 U	97.8 U
Trichloroethene (TCE)	SW8260D				26.7 U	40.6 U	48.9 U
Vinyl chloride	SW8260D				26.7 U	40.6 U	48.9 U
PH-ROD Total BTEX (U = 1/2 max limit)					53.4 UT	81.1 UT	97.8 UT
PH-ROD Total Xylene (U = 1/2 max limit)					53.4 UT	81.1 UT	97.8 UT
Semivolatile Organics (µg/kg)							
Bis(2-ethylhexyl)phthalate	SW8270E	135			884 U	206 U	60.4 U
Pentachlorophenol	SW8270E				590 U	138 U	28.8 J
Polycyclic Aromatic Hydrocarbons (µg/kg)							
2-Methylnaphthalene	SW8270ESIM				2.33 J	0.73	0.21 J
Acenaphthene	SW8270ESIM				4.98 U	0.5	0.50 U
Acenaphthylene	SW8270ESIM				10.5 J	0.83 J	0.11 J
Anthracene	SW8270ESIM				23.5	1.83	0.33 J
Benzo(a)anthracene	SW8270ESIM				136	6.02	0.68
Benzo(a)pyrene	SW8270ESIM				262	7.72	1.48
Benzo(b)fluoranthene	SW8270ESIM				173	5.6	1.13
Benzo(g,h,i)perylene	SW8270ESIM				324	7.08	2.32
Benzo(j)fluoranthene	SW8270ESIM				80.4	2.75	0.50 J
Benzo(k)fluoranthene	SW8270ESIM				88.9	2.72	0.51
Chrysene	SW8270ESIM				183	6.86	0.96

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-067RAB	USMPDI-067RAB	USMPDI-067RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-067RAB-00-10-210316	USMPDI-067RAB-10-20-210316	USMPDI-067RAB-20-21.9-210316
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Dibenzo(a,h)anthracene	SW8270ESIM				42	1.39	0.27 J
Fluoranthene	SW8270ESIM				254	9.28	1.99
Fluorene	SW8270ESIM				2.51 J	0.72	0.14 J
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				243	5.73	1.58
Naphthalene	SW8270ESIM			140000	8.65	2.74	0.64
Phenanthrene	SW8270ESIM				72.9	5.2	0.74
Pyrene	SW8270ESIM				367	14	3.13
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					342 T	11.1 T	2.1 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	360 T	10.9 T	2.1 JT
PH-ROD Total HPAH (U = 1/2 max limit)					2150 T	69.2 T	15 JT
PH-ROD Total LPAH (U = 1/2 max limit)					123 JT	13 JT	2.4 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		2280 JT	82 JT	17 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				0.0147 J	0.00220 U	0.00192 U
2,4'-DDE (o,p'-DDE)	E1699				0.00553 J	0.00116 U	0.00125 U
2,4'-DDT (o,p'-DDT)	E1699				0.149 J	0.00562 U	0.00352 U
4,4'-DDD (p,p'-DDD)	E1699				0.0313 J	0.00273 U	0.00214 U
4,4'-DDE (p,p'-DDE)	E1699				0.239	0.00905 J	0.00156 U
4,4'-DDT (p,p'-DDT)	E1699				1.26 J	0.0572 J	0.0353 J
Aldrin	E1699	2			0.000741 U	0.0146 U	0.00139 U
Chlordane, alpha- (Chlordane, cis-)	E1699				0.00654 U	0.00218 U	0.00164 U
Chlordane, beta- (Chlordane, trans-)	E1699				0.00644 J	0.00239 U	0.00208 U
Dieldrin	E1699	0.07			0.00641 J	0.00338 U	0.00142 U
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.00229 U	0.00465 U	0.00558 U
Nonachlor, cis-	E1699				0.00450 U	0.00240 U	0.00250 U
Nonachlor, trans-	E1699				0.0234 J	0.00240 U	0.00181 U
Oxychlordane	E1699				0.00216 U	0.00252 U	0.00209 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					0.169 JT	0.00562 UT	0.00352 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					1.53 JT	0.0676 JT	0.0372 JT
PH-ROD Sum DDD (U = 1/2 max limit)		114			0.0460 JT	0.00273 UT	0.00214 UT
PH-ROD Sum DDE (U = 1/2 max limit)		50			0.245 JT	0.00963 JT	0.00156 UT
PH-ROD Sum DDT (U = 1/2 max limit)		246			1.41 JT	0.0600 JT	0.0371 JT
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			0.0364 JT	0.00252 UT	0.00250 UT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-067RAB	USMPDI-067RAB	USMPDI-067RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-067RAB-00-10-210316	USMPDI-067RAB-10-20-210316	USMPDI-067RAB-20-21.9-210316
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
PH-ROD Total DDx (U = 1/2 max limit)		6.1	160	7050	1.70 JT	0.0721 JT	0.0405 JT
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A				55 U	63 U	79 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				55 U	63 U	79 U
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.0000564 U	0.0000570 U	0.0000380 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.000114 J	0.000157 U	0.000119 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000284 U	0.000226 U	0.000284 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000302 U	0.000217 U	0.000339 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000265 U	0.000115 J	0.000217 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.00272	0.00117 J	0.00155 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.0166	0.00859	0.0137
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.00124 J	0.0000795 J	0.0000380 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.00186 J	0.000157 U	0.000175 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00335 J	0.00158 J	0.00202 J
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.00592	0.00292	0.00413
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000194 J	0.0000548 U	0.0000306 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000191 J	0.0000495 U	0.0000584 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.000291 J	0.0000482 U	0.0000500 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.000294 J	0.0000450 U	0.0000481 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000228 J	0.0000419 U	0.0000464 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000191 U	0.0000660 U	0.0000712 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000194 J	0.0000517 U	0.0000517 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000832 J	0.0000518 U	0.0000886 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000251 U	0.000109 U	0.000142 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.000855 J	0.000158 U	0.000161 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.00320 J	0.000169 J	0.000149 J
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.00356 J	0.0000782 J	0.0000584 U
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.00243 J	0.0000269	0.0000712 U
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.00146	0.000109 U	0.000142 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.000763 JT	0.000192 JT	0.000167 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.000476 JT	0.000193 JT	0.000183 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.000420 JT	0.000177 JT	0.000173 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-067RAB	USMPDI-067RAB	USMPDI-067RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-067RAB-00-10-210316	USMPDI-067RAB-10-20-210316	USMPDI-067RAB-20-21.9-210316
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
PH-ROD Total PCDD/F (U = 1/2 max limit)					0.0232 JT	0.0105 JT	0.0162 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A				1.48 U	1.74 U	2.07 U
Aroclor 1221	SW8082A				1.48 U	1.74 U	2.80 U
Aroclor 1232	SW8082A				1.48 U	1.74 U	2.07 U
Aroclor 1242	SW8082A				1.48 U	1.74 U	2.07 U
Aroclor 1248	SW8082A				1.48 U	1.74 U	2.07 U
Aroclor 1254	SW8082A				1.48 U	1.74 U	2.07 U
Aroclor 1260	SW8082A				1.48 U	1.74 U	2.07 U
Aroclor 1262	SW8082A				1.48 U	1.74 U	2.07 U
Aroclor 1268	SW8082A				1.48 U	1.74 U	2.07 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	1.48 UT	1.74 UT	2.80 UT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			17.8	6.63 U	7.76 U
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				2.26 UJ	2.65 UJ	3.1 UJ

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-068RAB	USMPDI-068RAB	USMPDI-068RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-068RAB-00-10-210311	USMPDI-068RAB-10-20-210311	USMPDI-068RAB-20-32.1-210312
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Conventional Parameters (unitless)							
Liquid limit	D4318				--	NP	45
Plastic limit	D4318				--	NP	31
Plasticity index	D4318				--	NP	14
Specific gravity	D854				--	2.68	2.64
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				18.3	0.289	0.361
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	20.3	45.9
Total organic carbon	SM5310BM				2.6	0.073	0.93
Total Solids	SM2540G				84.4	83.3	68.3
Grain Size (pct)							
Gravel	D6913				--	2.2	0 U
Sand	D6913				--	88.9	30.8
Total fines (Reported, not calculated)	D6913				--	8.9	69.2
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	100	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	98	--
Percent passing 4750 micron sieve (#4)	D6913				--	98	100
Percent passing 2000 micron sieve (#10)	D6913				--	97	99
Percent passing 110 micron sieve (#140)	D6913				--	10	76
Percent passing 850 micron sieve (#20)	D6913				--	96	99
Percent passing 425 micron sieve (#40)	D6913				--	87	96
Percent passing 250 micron sieve (#60)	D6913				--	36	86
Percent passing 150 micron sieve (#100)	D6913				--	13	79
Percent passing 75 micron sieve (#200)	D6913				--	8.9	69
Metals (mg/kg)							
Arsenic	SW6020B	3			6.22	4.46	2.98
Cadmium	SW6020B	0.51			0.886	0.237 U	0.303 U
Chromium	SW6020B				36.7	26	24.3
Copper	SW6020B	359			125	23.6	27.2
Lead	SW6020B	196			1310	44.1	6.6
Manganese	SW6020B				460	393	300
Mercury	SW6020B	0.085			0.502	0.0949 U	0.121 U

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-068RAB	USMPDI-068RAB	USMPDI-068RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-068RAB-00-10-210311	USMPDI-068RAB-10-20-210311	USMPDI-068RAB-20-32.1-210312
					USMPDI-068RAB-00-10-210311	USMPDI-068RAB-10-20-210311	USMPDI-068RAB-20-32.1-210312
					3/11/2021	3/11/2021	3/12/2021
					0 - 10 ft	10 - 20 ft	20 - 32.1 ft
					N	N	N
					X	X	X
					7622687.04	7622687.04	7622687.04
					Y	Y	Y
					706121.14	706121.14	706121.14
Vanadium	SW6020B				159	109	84.1
Zinc	SW6020B	459			530	77.5	59.5
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM	3080			3.84 UJ	3.82 U	3.83 U
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D				29.2 U	36.3 U	50.2 U
1,2-Dichloroethene, cis-	SW8260D				29.2 U	36.3 U	50.2 U
Benzene	SW8260D				11.7 U	14.5 U	20.1 U
Chlorobenzene	SW8260D			320	29.2 U	36.3 U	50.2 U
Ethylbenzene	SW8260D				29.2 U	36.3 U	50.2 U
m,p-Xylene	SW8260D				58.4 U	72.5 U	100 U
o-Xylene	SW8260D				29.2 U	36.3 U	50.2 U
Tetrachloroethene (PCE)	SW8260D				29.2 U	36.3 U	50.2 U
Toluene	SW8260D				58.4 U	72.5 U	100 U
Trichloroethene (TCE)	SW8260D				29.2 U	36.3 U	50.2 U
Vinyl chloride	SW8260D				29.2 U	36.3 U	50.2 U
PH-ROD Total BTEX (U = 1/2 max limit)					58.4 UT	72.5 UT	100 UT
PH-ROD Total Xylene (U = 1/2 max limit)					58.4 UT	72.5 UT	100 UT
Semivolatile Organics (µg/kg)							
Bis(2-ethylhexyl)phthalate	SW8270E	135			468 U	47.6 U	227 U
Pentachlorophenol	SW8270E				312 U	31.8 U	152 U
Polycyclic Aromatic Hydrocarbons (µg/kg)							
2-Methylnaphthalene	SW8270ESIM				10.6 J	0.81 J	0.27 J
Acenaphthene	SW8270ESIM				21.3 J	0.87 J	0.50 UJ
Acenaphthylene	SW8270ESIM				33.3 J	1.03 J	0.15 J
Anthracene	SW8270ESIM				74.1 J	2.37 J	0.31 J
Benzo(a)anthracene	SW8270ESIM				423 J	9.52 J	0.72
Benzo(a)pyrene	SW8270ESIM				1190	13.6 J	1.26
Benzo(b)fluoranthene	SW8270ESIM				894	11.1 J	1.09
Benzo(g,h,i)perylene	SW8270ESIM				1450	16.4 J	0.87
Benzo(j)fluoranthene	SW8270ESIM				303 J	4.94 J	0.47 J
Benzo(k)fluoranthene	SW8270ESIM				350 J	4.92 J	0.48 J
Chrysene	SW8270ESIM				773	11.3 J	1.15

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-068RAB	USMPDI-068RAB	USMPDI-068RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-068RAB-00-10-210311	USMPDI-068RAB-10-20-210311	USMPDI-068RAB-20-32.1-210312
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Dibenzo(a,h)anthracene	SW8270ESIM				128 J	1.64 J	0.13 J
Fluoranthene	SW8270ESIM				1060	18.9 J	1.87
Fluorene	SW8270ESIM				12.6 J	1.11 J	0.50 UJ
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				1150	10.6 J	0.64
Naphthalene	SW8270ESIM			140000	37.5 J	2.43 J	0.80 J
Phenanthrene	SW8270ESIM				251 J	7.64 J	1.02
Pyrene	SW8270ESIM				1430	27.7 J	2.82
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					1500 JT	21.0 JT	2.0 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	1600 JT	18.4 JT	1.6 JT
PH-ROD Total HPAH (U = 1/2 max limit)					9200 JT	131 JT	12 JT
PH-ROD Total LPAH (U = 1/2 max limit)					440 JT	16 JT	3.1 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		9600 JT	150 JT	15 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				0.113	0.00469 J	0.00132 U
2,4'-DDE (o,p'-DDE)	E1699				0.0742	0.000644 U	0.000606 U
2,4'-DDT (o,p'-DDT)	E1699				1.83	0.0315	0.00372 U
4,4'-DDD (p,p'-DDD)	E1699				0.41	0.0282 J	0.00183 U
4,4'-DDE (p,p'-DDE)	E1699				2.94	0.048	0.000906 U
4,4'-DDT (p,p'-DDT)	E1699				11.5	0.134	0.00512 U
Aldrin	E1699	2			0.00139 U	0.00396 U	0.00889 U
Chlordane, alpha- (Chlordane, cis-)	E1699				0.0562	0.00154 U	0.00132 U
Chlordane, beta- (Chlordane, trans-)	E1699				0.0387	0.00178 U	0.00136 U
Dieldrin	E1699	0.07			0.0561 J	0.00250 J	0.00160 U
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.00197 U	0.00169 U	0.000829 U
Nonachlor, cis-	E1699				0.0105 UJ	0.00264 U	0.00342 U
Nonachlor, trans-	E1699				0.0572	0.00170 U	0.00145 U
Oxychlordane	E1699				0.00607 U	0.00170 U	0.00116 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					2.02 T	0.0365 JT	0.00372 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					15 T	0.210 JT	0.00512 UT
PH-ROD Sum DDD (U = 1/2 max limit)		114			0.52 T	0.0329 JT	0.00183 UT
PH-ROD Sum DDE (U = 1/2 max limit)		50			3.01 T	0.0483 T	0.000906 UT
PH-ROD Sum DDT (U = 1/2 max limit)		246			13.3 T	0.166 T	0.00512 UT
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			0.160 JT	0.00264 UT	0.00342 UT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-068RAB	USMPDI-068RAB	USMPDI-068RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-068RAB-00-10-210311	USMPDI-068RAB-10-20-210311	USMPDI-068RAB-20-32.1-210312
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
PH-ROD Total DDx (U = 1/2 max limit)		6.1	160	7050	17 T	0.247 JT	0.00512 UT
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A				55 U	60 U	77 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				55 U	60 U	77 U
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.000118 U	0.0000553 U	0.0000922 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.000299 J	0.0000978 U	0.000128 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000308 U	0.000114 U	0.000255 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.00134 J	0.000110 U	0.000270 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000313 U	0.000105 U	0.000289 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0196	0.00118 J	0.00133 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.145	0.00852	0.0137
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.00243 J	0.0000553 U	0.000225 J
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.00398 J	0.000167 J	0.000164 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.0103	0.000769 J	0.000964
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.0381	0.00236	0.00367
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000534	0.0000553 U	0.0000399 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000433 J	0.000140 U	0.000257 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.000842 J	0.000119 U	0.0000609 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.000695 J	0.0000475 U	0.0000586 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000476 J	0.0000454 U	0.0000632 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000171 J	0.0000349 J	0.0000451 J
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000574 J	0.0000578 U	0.0000720 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.00424	0.000191 J	0.0000701 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000224 U	0.0000478 U	0.000105 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.00577	0.000175 J	0.000246 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.00630 J	0.0000553 U	0.000185
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.00888 J	0.000140 U	0.000257 J
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.00893 J	0.000111 J	0.0000451 J
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.00997	0.000191	0.000105 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.00208 JT	0.000195 JT	0.000203 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.00119 JT	0.000156 JT	0.000212 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.00132 JT	0.000143 JT	0.000195 JT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-068RAB	USMPDI-068RAB	USMPDI-068RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-068RAB-00-10-210311	USMPDI-068RAB-10-20-210311	USMPDI-068RAB-20-32.1-210312
					USMPDI-068RAB-00-10-210311	USMPDI-068RAB-10-20-210311	USMPDI-068RAB-20-32.1-210312
					3/11/2021	3/11/2021	3/12/2021
					0 - 10 ft	10 - 20 ft	20 - 32.1 ft
					N	N	N
					X	7622687.04	7622687.04
					Y	706121.14	706121.14
PH-ROD Total PCDD/F (U = 1/2 max limit)					0.180 JT	0.0106 JT	0.0160 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A				1.57 U	1.57 U	1.94 U
Aroclor 1221	SW8082A				2.48 U	1.57 U	1.94 U
Aroclor 1232	SW8082A				1.65 U	1.57 U	1.94 U
Aroclor 1242	SW8082A				1.57 U	1.57 U	1.94 U
Aroclor 1248	SW8082A				1.57 U	1.57 U	1.94 U
Aroclor 1254	SW8082A				2.61 J	1.57 U	1.94 U
Aroclor 1260	SW8082A				2.34 J	1.57 U	1.94 U
Aroclor 1262	SW8082A				1.57 U	1.57 U	1.94 U
Aroclor 1268	SW8082A				1.57 U	1.57 U	1.94 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	10.9 JT	1.57 UT	1.94 UT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			40.1	6.00 U	7.38 U
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				2.4 U	2.4 UJ	2.96 U

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-069RAB	USMPDI-069RAB	USMPDI-069RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-069RAB-00-10-210312	USMPDI-069RAB-10-20-210312	USMPDI-069RAB-20-36.3-210312
					Sample ID	Sample ID	Sample ID
					Sample Date	Sample Date	Sample Date
					Depth	Depth	Depth
					Sample Type	Sample Type	Sample Type
					X	X	X
					Y	Y	Y
Conventional Parameters (unitless)							
Liquid limit	D4318				--	--	42
Plastic limit	D4318				--	--	30
Plasticity index	D4318				--	--	12
Specific gravity	D854				--	--	2.63
Conventional Parameters (mg/kg)							
Cyanide	D7511-12				2.12	5.63	3.44
Conventional Parameters (pct)							
Moisture (water) content	D2216				--	--	47.4
Total organic carbon	SM5310BM				1.3	1.7	0.46
Total Solids	SM2540G				81	76.7	67.2
Grain Size (pct)							
Gravel	D6913				--	--	0.2
Sand	D6913				--	--	44
Total fines (Reported, not calculated)	D6913				--	--	55.8
Percent passing 0.5 inch (1/2 inch sieve)	D6913				--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	D6913				--	--	100
Percent passing 4750 micron sieve (#4)	D6913				--	--	100
Percent passing 2000 micron sieve (#10)	D6913				--	--	100
Percent passing 110 micron sieve (#140)	D6913				--	--	69
Percent passing 850 micron sieve (#20)	D6913				--	--	99
Percent passing 425 micron sieve (#40)	D6913				--	--	99
Percent passing 250 micron sieve (#60)	D6913				--	--	93
Percent passing 150 micron sieve (#100)	D6913				--	--	83
Percent passing 75 micron sieve (#200)	D6913				--	--	56
Metals (mg/kg)							
Arsenic	SW6020B	3			8.13	3.59	3.5
Cadmium	SW6020B	0.51			1.77	0.395	0.322 U
Chromium	SW6020B				20.5	20	24.2
Copper	SW6020B	359			181	45.3	25.9
Lead	SW6020B	196			7120	565	8.21
Manganese	SW6020B				415	276	287
Mercury	SW6020B	0.085			0.0663 J	0.107 U	0.129 U

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-069RAB	USMPDI-069RAB	USMPDI-069RAB
	Sample ID				USMPDI-069RAB-00-10-210312	USMPDI-069RAB-10-20-210312	USMPDI-069RAB-20-36.3-210312
	Sample Date				3/12/2021	3/12/2021	3/12/2021
Depth				0 - 10 ft	10 - 20 ft	20 - 36.3 ft	
Sample Type				N	N	N	
X				7622829.50	7622829.50	7622829.50	
Y				706077.39	706077.39	706077.39	
Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold				
Vanadium	SW6020B			87.6	81.2	86.5	
Zinc	SW6020B	459		1560	187	59.8	
Organometals (µg/kg)							
Tributyltin (ion)	SW8270ESIM	3080		3.84 UJ	3.86 UJ	3.85 U	
Volatile Organics (µg/kg)							
1,1-Dichloroethene	SW8260D			38.4 U	33.8 U	44.0 U	
1,2-Dichloroethene, cis-	SW8260D			38.4 U	33.8 U	44.0 U	
Benzene	SW8260D			15.4 U	13.5 U	17.6 U	
Chlorobenzene	SW8260D		320	38.4 U	33.8 U	44.0 U	
Ethylbenzene	SW8260D			38.4 U	33.8 U	44.0 U	
m,p-Xylene	SW8260D			76.8 U	67.5 U	88.0 U	
o-Xylene	SW8260D			38.4 U	33.8 U	44.0 U	
Tetrachloroethene (PCE)	SW8260D			38.4 U	33.8 U	44.0 U	
Toluene	SW8260D			76.8 U	67.5 U	88.0 U	
Trichloroethene (TCE)	SW8260D			38.4 U	33.8 U	44.0 U	
Vinyl chloride	SW8260D			38.4 U	33.8 U	44.0 U	
PH-ROD Total BTEX (U = 1/2 max limit)				76.8 UT	67.5 UT	88.0 UT	
PH-ROD Total Xylene (U = 1/2 max limit)				76.8 UT	67.5 UT	88.0 UT	
Semivolatile Organics (µg/kg)							
Bis(2-ethylhexyl)phthalate	SW8270E	135		245 U	252 U	230 U	
Pentachlorophenol	SW8270E			163 U	168 U	153 U	
Polycyclic Aromatic Hydrocarbons (µg/kg)							
2-Methylnaphthalene	SW8270ESIM			14.8 J	16.6 J	1.23 J	
Acenaphthene	SW8270ESIM			9.35 J	4.68 J	0.98 J	
Acenaphthylene	SW8270ESIM			20.4 J	59.6 J	1.02 J	
Anthracene	SW8270ESIM			40.5 J	96.1 J	2.24	
Benzo(a)anthracene	SW8270ESIM			289 J	889	8.67	
Benzo(a)pyrene	SW8270ESIM			750	2020	15.9	
Benzo(b)fluoranthene	SW8270ESIM			491 J	1360	11	
Benzo(g,h,i)perylene	SW8270ESIM			1210	3080	18.1	
Benzo(j)fluoranthene	SW8270ESIM			222 J	488 J	5.20 J	
Benzo(k)fluoranthene	SW8270ESIM			240 J	645	5.21	
Chrysene	SW8270ESIM			386 J	1180	11.1	

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

	Location ID				USMPDI-069RAB	USMPDI-069RAB	USMPDI-069RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-069RAB-00-10-210312	USMPDI-069RAB-10-20-210312	USMPDI-069RAB-20-36.3-210312
					USMPDI-069RAB-00-10-210312	USMPDI-069RAB-10-20-210312	USMPDI-069RAB-20-36.3-210312
					3/12/2021	3/12/2021	3/12/2021
					0 - 10 ft	10 - 20 ft	20 - 36.3 ft
					N	N	N
					X	X	X
					7622829.50	7622829.50	7622829.50
					Y	Y	Y
					706077.39	706077.39	706077.39
Dibenzo(a,h)anthracene	SW8270ESIM				84.7 J	200 J	2.64
Fluoranthene	SW8270ESIM				497 J	1750	15.5
Fluorene	SW8270ESIM				6.46 J	16.9 J	1.38 J
Indeno(1,2,3-c,d)pyrene	SW8270ESIM				810	2020	13.7
Naphthalene	SW8270ESIM			140000	45.2 J	87.9 J	16.7 J
Phenanthrene	SW8270ESIM				169 J	384 J	6.71
Pyrene	SW8270ESIM				853	2980	21.6
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)					950 JT	2490 JT	21.4 JT
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)		774		774000	1000 JT	2700 JT	21.9 T
PH-ROD Total HPAH (U = 1/2 max limit)					5800 JT	17000 JT	129 JT
PH-ROD Total LPAH (U = 1/2 max limit)					306 JT	666 JT	30 JT
PH-ROD Total PAH (U = 1/2 max limit)		23000	30000		6100 JT	17000 JT	160 JT
Pesticides (µg/kg)							
2,4'-DDD (o,p'-DDD)	E1699				0.0572	0.0306	0.00248 U
2,4'-DDE (o,p'-DDE)	E1699				0.08	0.0163 J	0.000738 U
2,4'-DDT (o,p'-DDT)	E1699				2.22	0.482	0.00772 U
4,4'-DDD (p,p'-DDD)	E1699				0.236	0.0902	0.0113 J
4,4'-DDE (p,p'-DDE)	E1699				3.82	0.596	0.0145 J
4,4'-DDT (p,p'-DDT)	E1699				11.9	2.01	0.00951 U
Aldrin	E1699	2			0.00140 U	0.00158 U	0.0339 U
Chlordane, alpha- (Chlordane, cis-)	E1699				0.00844 U	0.0107 U	0.00234 U
Chlordane, beta- (Chlordane, trans-)	E1699				0.0179 J	0.00844 U	0.00256 U
Dieldrin	E1699	0.07			0.00788 U	0.0162 J	0.00136 U
Hexachlorocyclohexane (BHC), gamma- (Lindane)	E1699	5			0.00172 U	0.00239 U	0.00166 U
Nonachlor, cis-	E1699				0.0179 U	0.0141 UJ	0.00257 U
Nonachlor, trans-	E1699				0.00929 U	0.0117 U	0.00258 U
Oxychlordane	E1699				0.00621 U	0.00817 U	0.00232 U
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)					2.36 T	0.529 JT	0.00772 UT
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)					16.0 T	2.70 T	0.0306 JT
PH-ROD Sum DDD (U = 1/2 max limit)		114			0.293 T	0.121 T	0.0125 JT
PH-ROD Sum DDE (U = 1/2 max limit)		50			3.90 T	0.612 JT	0.0149 JT
PH-ROD Sum DDT (U = 1/2 max limit)		246			14.1 T	2.49 T	0.00951 UT
PH-ROD Total Chlordane (U = 1/2 max limit)		1.4			0.0388 JT	0.0141 UJT	0.00258 UT

Table 4-6a
Data Summary: Riverbank Angled Boring Soil


	Location ID				USMPDI-069RAB	USMPDI-069RAB	USMPDI-069RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-069RAB-00-10-210312	USMPDI-069RAB-10-20-210312	USMPDI-069RAB-20-36.3-210312
					USMPDI-069RAB-00-10-210312	USMPDI-069RAB-10-20-210312	USMPDI-069RAB-20-36.3-210312
					3/12/2021	3/12/2021	3/12/2021
					0 - 10 ft	10 - 20 ft	20 - 36.3 ft
					N	N	N
					X	X	X
					7622829.50	7622829.50	7622829.50
					Y	Y	Y
					706077.39	706077.39	706077.39
PH-ROD Total DDx (U = 1/2 max limit)		6.1	160	7050	18.3 T	3.23 JT	0.0360 JT
Herbicides (µg/kg)							
2,4,5-TP (Silvex)	SW8151A				58 U	64 U	72 U
2,4-D (2,4-Dichlorophenoxyacetic acid)	SW8151A				58 U	64 U	72 U
Dioxin Furans (µg/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B	0.0002	0.0006	0.01	0.0000989 U	0.0000999 U	0.000109 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B	0.0002	0.0008	0.01	0.000179 U	0.000158 U	0.0000965 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000228 U	0.000186 U	0.000233 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000229 U	0.000195 U	0.000253 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000218 U	0.000201 U	0.000251 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.00112 J	0.00216 J	0.000795 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	E1613B				0.00649	0.016	0.00573
Total Tetrachlorodibenzo-p-dioxin (TCDD)	E1613B				0.000319 J	0.000377	0.000414
Total Pentachlorodibenzo-p-dioxin (PeCDD)	E1613B				0.000465 J	0.000306 J	0.000189 J
Total Hexachlorodibenzo-p-dioxin (HxCDD)	E1613B				0.000673	0.00113	0.000624
Total Heptachlorodibenzo-p-dioxin (HpCDD)	E1613B				0.00237	0.00497	0.00202
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	E1613B	0.00040658		0.6	0.000542	0.000320 J	0.0000494 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B				0.000284 J	0.000260 J	0.0000503 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	E1613B	0.0003	0.2	0.2	0.000456 J	0.000362 J	0.0000479 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B	0.0004		0.4	0.000216 J	0.000486 J	0.0000423 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000240 J	0.000224 J	0.0000439 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000230 U	0.000196 U	0.0000573 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	E1613B				0.000259 J	0.000149 U	0.0000503 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	E1613B				0.000846 J	0.00109 J	0.0000432 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	E1613B				0.0000961 U	0.000144 U	0.0000609 U
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	E1613B				0.000253 U	0.00114 J	0.000142 U
Total Tetrachlorodibenzofuran (TCDF)	E1613B				0.00947 J	0.00199 J	0.000336
Total Pentachlorodibenzofuran (PeCDF)	E1613B				0.00508 J	0.00297 J	0.0000503 U
Total Hexachlorodibenzofuran (HxCDF)	E1613B				0.00256 J	0.00196 J	0.0000573 U
Total Heptachlorodibenzofuran (HpCDF)	E1613B				0.00136	0.00192	0.0000609 U
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)					0.00128 JT	0.000956 JT	0.000185 JT
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)					0.000561 JT	0.000491 JT	0.000190 JT
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)		0.01			0.000477 JT	0.000433 JT	0.000170 JT


Table 4-6a
Data Summary: Riverbank Angled Boring Soil


	Location ID				USMPDI-069RAB	USMPDI-069RAB	USMPDI-069RAB
	Analytical Method	Table 17 Soil CUL	Site-Wide RAL	PTW Threshold	USMPDI-069RAB-00-10-210312	USMPDI-069RAB-10-20-210312	USMPDI-069RAB-20-36.3-210312
					USMPDI-069RAB-00-10-210312	USMPDI-069RAB-10-20-210312	USMPDI-069RAB-20-36.3-210312
					3/12/2021	3/12/2021	3/12/2021
					0 - 10 ft	10 - 20 ft	20 - 36.3 ft
					N	N	N
					X	X	X
					7622829.50	7622829.50	7622829.50
					Y	Y	Y
					706077.39	706077.39	706077.39
PH-ROD Total PCDD/F (U = 1/2 max limit)					0.0112 JT	0.0227 JT	0.00729 JT
PCB Aroclors (µg/kg)							
Aroclor 1016	SW8082A				1.62 U	1.73 U	1.98 U
Aroclor 1221	SW8082A				1.62 U	1.73 U	1.98 U
Aroclor 1232	SW8082A				1.62 U	1.73 U	1.98 U
Aroclor 1242	SW8082A				1.62 U	1.73 U	1.98 U
Aroclor 1248	SW8082A				1.62 U	1.73 U	1.98 U
Aroclor 1254	SW8082A				1.62 U	1.73 U	1.98 U
Aroclor 1260	SW8082A				1.62 U	1.73 U	1.98 U
Aroclor 1262	SW8082A				1.62 U	1.73 U	1.98 U
Aroclor 1268	SW8082A				1.62 U	1.73 U	1.98 U
PH-ROD Total PCB Aroclors (U = 1/2 max limit)		9	75	200	1.62 UT	1.73 UT	1.98 UT
Total Petroleum Hydrocarbons (mg/kg)							
Diesel range hydrocarbons	NWTPHDx	91			47.7	48.9	7.29 U
Extractable Petroleum Hydrocarbons (mg/kg)							
C10-C12 Aliphatics unadjusted	WAEPH				2.47 U	2.58 U	2.92 U

Table 4-6a
Data Summary: Riverbank Angled Boring Soil

Notes:

 Detected concentration is greater than Riverbank Soil/Sediment Cleanup Level

 Detected concentration is greater than site-wide RAL

 Detected concentration is greater than PTW threshold

Bold: Detected result

µg/kg: microgram per kilogram

CUL: cleanup level

J: Estimated value

JT: Estimated value (calculated result)

N: Presumptive Evidence

PCB: polychlorinated biphenyl

PH: Portland Harbor

PTW: principal threat waste

R: Rejected

RAL: remedial action level

T: Calculated or averaged result

U: Compound analyzed for, but not detected above detection limit

UT: Compound analyzed for, but not detected above detection limit (calculated result)

UJ: Compound analyzed for, but not detected above estimated detection limit

UJT: Compound analyzed for, but not detected above estimated detection limit (calculated result)

Table 4-6b

Statistical Summary: Riverbank Angled Boring Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
Conventional Parameters (unitless)													
Liquid limit	3	3	100%	45	33	40	42	--	--	--	--	--	--
Plastic limit	3	3	100%	31	21	27.3	30	--	--	--	--	--	--
Plasticity index	3	3	100%	14	12	12.7	12	--	--	--	--	--	--
Specific gravity	6	6	100%	2.68	2.63	2.65	2.65	--	--	--	--	--	--
Conventional Parameters (mg/kg)													
Cyanide	33	28	85%	18.3	0.0725	1.92	0.442	--	--	--	--	--	--
Conventional Parameters (pct)													
Moisture (water) content	6	6	100%	47.4	11.3	32.5	34.9	--	--	--	--	--	--
Total organic carbon	33	33	100%	2.9	0.06	0.737	0.54	--	--	--	--	--	--
Total Solids	33	33	100%	90.1	64.2	78.9	80	--	--	--	--	--	--
Grain Size (pct)													
Gravel	6	5	83%	4	0.2	1.96	2.2	--	--	--	--	--	--
Sand	6	6	100%	88.9	30.8	53.3	50	--	--	--	--	--	--
Total fines (Reported, not calculated)	6	6	100%	69.2	8.9	45	48.4	--	--	--	--	--	--
Percent passing 0.5 inch (1/2 inch sieve)	1	1	100%	100	100	100	100	--	--	--	--	--	--
Percent passing 0.375 inch (3/8 inch sieve)	5	5	100%	100	98	99.6	100	--	--	--	--	--	--
Percent passing 4750 micron sieve (#4)	6	6	100%	100	96	98.5	99	--	--	--	--	--	--
Percent passing 2000 micron sieve (#10)	6	6	100%	100	94	97.2	98	--	--	--	--	--	--
Percent passing 110 micron sieve (#140)	6	6	100%	76	10	53.7	57.5	--	--	--	--	--	--
Percent passing 850 micron sieve (#20)	6	6	100%	99	90	95.8	97	--	--	--	--	--	--
Percent passing 425 micron sieve (#40)	6	6	100%	99	73	90	92	--	--	--	--	--	--
Percent passing 250 micron sieve (#60)	6	6	100%	93	36	75	84	--	--	--	--	--	--
Percent passing 150 micron sieve (#100)	6	6	100%	83	13	63.3	74	--	--	--	--	--	--
Percent passing 75 micron sieve (#200)	6	6	100%	69	8.9	45.1	48.5	--	--	--	--	--	--
Metals (mg/kg)													
Arsenic	33	33	100%	8.23	2.52	4.24	3.75	--	3	--	--	29	--
Cadmium	33	17	52%	1.77	0.132	0.438	0.196	--	0.51	--	--	5	--
Chromium	33	33	100%	36.7	11.5	21.4	22	--	--	--	--	--	--
Copper	33	33	100%	181	17.7	37.9	26.5	--	359	--	--	--	--
Lead	33	33	100%	7120	6.29	316	21.8	--	196	--	--	4	--
Manganese	33	33	100%	821	225	407	355	--	--	--	--	--	--
Mercury	33	14	42%	0.502	0.057	0.122	0.0853	--	0.085	--	--	7	--
Vanadium	33	33	100%	159	49.5	84.2	85.5	--	--	--	--	--	--
Zinc	33	33	100%	1560	50.9	150	71.1	--	459	--	--	3	--
Organometals (µg/kg)													
Tributyltin (ion)	33	2	6%	5.97	1.81	3.89	3.89	--	3080	--	--	--	--
Volatile Organics (µg/kg)													
1,1-Dichloroethene	33	0	0%	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene, cis-	33	1	3%	77.6	77.6	77.6	77.6	--	--	--	--	--	--

Table 4-6b

Statistical Summary: Riverbank Angled Boring Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
Benzene	33	1	3%	8.68	8.68	8.68	8.68	--	--	--	--	--	--
Chlorobenzene	33	0	0%	--	--	--	--	320	--	--	--	--	--
Ethylbenzene	33	0	0%	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	33	0	0%	--	--	--	--	--	--	--	--	--	--
o-Xylene	33	0	0%	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene (PCE)	33	0	0%	--	--	--	--	--	--	--	--	--	--
Toluene	33	1	3%	57.2	57.2	57.2	57.2	--	--	--	--	--	--
Trichloroethene (TCE)	33	0	0%	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	33	0	0%	--	--	--	--	--	--	--	--	--	--
Semivolatile Organics (µg/kg)													
Bis(2-ethylhexyl)phthalate	33	1	3%	34.8	34.8	34.8	34.8	--	135	--	--	--	--
Pentachlorophenol	32	1	3%	28.8	28.8	28.8	28.8	--	--	--	--	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)													
2-Methylnaphthalene	33	31	94%	126	0.16	17.5	8.72	--	--	--	--	--	--
Acenaphthene	33	30	91%	310	0.31	42.9	11.9	--	--	--	--	--	--
Acenaphthylene	33	33	100%	100	0.11	20.5	15.9	--	--	--	--	--	--
Anthracene	33	33	100%	340	0.31	63	40.5	--	--	--	--	--	--
Benzo(a)anthracene	33	33	100%	1180	0.68	252	189	--	--	--	--	--	--
Benzo(a)pyrene	33	33	100%	2300	1.26	544	419	--	--	--	--	--	--
Benzo(b)fluoranthene	33	33	100%	1360	1.09	330	259	--	--	--	--	--	--
Benzo(g,h,i)perylene	33	33	100%	3080	0.87	598	444	--	--	--	--	--	--
Benzo(j)fluoranthene	33	33	100%	488	0.47	141	119	--	--	--	--	--	--
Benzo(k)fluoranthene	33	33	100%	645	0.48	157	129	--	--	--	--	--	--
Chrysene	33	33	100%	1470	0.96	335	243	--	--	--	--	--	--
Dibenzo(a,h)anthracene	33	33	100%	208	0.13	63.7	56.7	--	--	--	--	--	--
Fluoranthene	33	33	100%	3810	1.87	662	418	--	--	--	--	--	--
Fluorene	33	29	88%	307	0.14	38.5	16.9	--	--	--	--	--	--
Indeno(1,2,3-c,d)pyrene	33	33	100%	2020	0.64	436	338	--	--	--	--	--	--
Naphthalene	33	31	94%	697	0.54	70.4	33.5	140000	--	--	--	--	--
Phenanthrene	33	33	100%	2620	0.74	320	140	--	--	--	--	--	--
Pyrene	33	33	100%	4880	2.82	945	652	--	--	--	--	--	--
PH-ROD Total Benzo(x)fluoranthenes (U = 1/2 max limit)	33	33	100%	2490	2	626	523	--	--	--	--	--	--
PH-ROD Total cPAH/BaPEq TEQ (EPA 1993) (U = 1/2 max limit)	33	33	100%	2900	1.6	715	581	774000	774	--	--	12	--
PH-ROD Total HPAH (U = 1/2 max limit)	33	33	100%	19000	12	4470	3370	--	--	--	--	--	--
PH-ROD Total LPAH (U = 1/2 max limit)	33	33	100%	4400	2.4	559	262	--	--	--	--	--	--
PH-ROD Total PAH (U = 1/2 max limit)	33	33	100%	24000	15	5010	3900	--	23000	30000	--	1	--
Pesticides (µg/kg)													
2,4'-DDD (o,p'-DDD)	33	24	73%	7.59	0.0024	0.606	0.149	--	--	--	--	--	--
2,4'-DDE (o,p'-DDE)	33	21	64%	0.32	0.00211	0.0622	0.0229	--	--	--	--	--	--
2,4'-DDT (o,p'-DDT)	33	21	64%	2.22	0.00701	0.417	0.158	--	--	--	--	--	--

Table 4-6b

Statistical Summary: Riverbank Angled Boring Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
4,4'-DDD (p,p'-DDD)	33	25	76%	20.7	0.00779	1.8	0.451	--	--	--	--	--	--
4,4'-DDE (p,p'-DDE)	33	30	91%	3.82	0.00381	0.763	0.253	--	--	--	--	--	--
4,4'-DDT (p,p'-DDT)	33	26	79%	11.9	0.0123	1.92	0.637	--	--	--	--	--	--
Aldrin	33	7	21%	0.18	0.000288	0.0284	0.00369	--	2	--	--	--	--
Chlordane, alpha- (Chlordane, cis-)	33	11	33%	0.445	0.0174	0.127	0.0698	--	--	--	--	--	--
Chlordane, beta- (Chlordane, trans-)	33	20	61%	0.338	0.00326	0.0722	0.0237	--	--	--	--	--	--
Dieldrin	33	23	70%	0.225	0.0025	0.0422	0.0231	--	0.07	--	--	2	--
Hexachlorocyclohexane (BHC), gamma- (Lindane)	33	1	3%	0.00762	0.00762	0.00762	0.00762	--	5	--	--	--	--
Nonachlor, cis-	33	8	24%	0.0435	0.00407	0.0286	0.0337	--	--	--	--	--	--
Nonachlor, trans-	33	13	39%	0.209	0.00457	0.0702	0.0708	--	--	--	--	--	--
Oxychlordane	33	4	12%	0.00779	0.00499	0.00643	0.00647	--	--	--	--	--	--
PH-ROD Sum 2,4 DDT, DDE, DDD (U = 1/2 max limit)	33	24	73%	8.6	0.0108	1.03	0.395	--	--	--	--	--	--
PH-ROD Sum 4,4 DDT, DDE, DDD (U = 1/2 max limit)	33	31	94%	26.6	0.0062	3.81	1.98	--	--	--	--	--	--
PH-ROD Sum DDD (U = 1/2 max limit)	33	25	76%	28.3	0.0102	2.38	0.563	--	114	--	--	--	--
PH-ROD Sum DDE (U = 1/2 max limit)	33	30	91%	3.9	0.0041	0.809	0.282	--	50	--	--	--	--
PH-ROD Sum DDT (U = 1/2 max limit)	33	26	79%	14.1	0.0172	2.25	0.731	--	246	--	--	--	--
PH-ROD Total Chlordane (U = 1/2 max limit)	33	21	64%	1.14	0.00672	0.208	0.0594	--	1.4	--	--	--	--
PH-ROD Total DDx (U = 1/2 max limit)	33	31	94%	35	0.00836	4.58	2.35	7050	6.1	160	--	5	--
Herbicides (µg/kg)													
2,4,5-TP (Silvex)	33	0	0%	--	--	--	--	--	--	--	--	--	--
2,4-D (2,4-Dichlorophenoxyacetic acid)	33	0	0%	--	--	--	--	--	--	--	--	--	--
Dioxin Furans (µg/kg)													
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	33	7	21%	0.000235	5.80E-05	0.000147	0.000131	0.01	0.0002	0.0006	--	2	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	33	15	45%	0.000558	7.82E-05	0.000201	0.000172	0.01	0.0002	0.0008	--	6	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	33	5	15%	0.000856	0.000118	0.000402	0.000287	--	--	--	--	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	33	17	52%	0.00375	0.000214	0.00121	0.00104	--	--	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	33	15	45%	0.00128	0.000115	0.000515	0.000415	--	--	--	--	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	33	33	100%	0.346	0.000138	0.0248	0.00537	--	--	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	33	32	97%	2.88	0.00069	0.244	0.0693	--	--	--	--	--	--
Total Tetrachlorodibenzo-p-dioxin (TCDD)	33	23	70%	0.00508	6.40E-05	0.000732	0.000326	--	--	--	--	--	--
Total Pentachlorodibenzo-p-dioxin (PeCDD)	33	30	91%	0.00938	0.000139	0.00132	0.000621	--	--	--	--	--	--
Total Hexachlorodibenzo-p-dioxin (HxCDD)	33	31	94%	0.126	0.000198	0.0093	0.00284	--	--	--	--	--	--
Total Heptachlorodibenzo-p-dioxin (HpCDD)	33	33	100%	1.3	0.000138	0.074	0.0142	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	33	16	48%	0.0144	0.000139	0.00116	0.000245	0.6	0.00040658	--	--	4	--
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	33	19	58%	0.00663	2.57E-05	0.000597	0.000281	--	--	--	--	--	--
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	33	22	67%	0.00857	0.000102	0.00108	0.000742	0.2	0.0003	0.2	--	17	--
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	33	19	58%	0.00998	0.000102	0.00126	0.00061	0.4	0.0004	--	--	13	--
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	33	20	61%	0.00351	0.000208	0.000547	0.000352	--	--	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	33	12	36%	0.000396	3.20E-05	0.00013	0.0000916	--	--	--	--	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	33	20	61%	0.00313	0.000157	0.000606	0.000434	--	--	--	--	--	--

Table 4-6b

Statistical Summary: Riverbank Angled Boring Soil Site-Wide RAL, PTW-Highly Toxic Threshold, and CUL Exceedances

Chemical Name	No. of Samples	No. of Detections	Frequency of Detection	Maximum Detected Result	Minimum Detected Result	Average Detected Result	Median of Detects, Continuous Distribution	PTW Threshold	Riverbank Soil/Sediment CUL	Site-Wide RAL	PTW Threshold Exceedance Count	CUL Exceedance Count	Site-Wide RAL Exceedance Count
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	33	25	76%	0.0284	0.000191	0.00773	0.00579	--	--	--	--	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	33	8	24%	0.00282	0.000167	0.000789	0.000388	--	--	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	33	21	64%	0.0473	0.000175	0.0112	0.00963	--	--	--	--	--	--
Total Tetrachlorodibenzofuran (TCDF)	33	30	91%	0.0589	2.70E-05	0.00418	0.00148	--	--	--	--	--	--
Total Pentachlorodibenzofuran (PeCDF)	33	28	85%	0.0582	2.57E-05	0.00755	0.00522	--	--	--	--	--	--
Total Hexachlorodibenzofuran (HxCDF)	33	29	88%	0.0507	2.69E-05	0.00902	0.00575	--	--	--	--	--	--
Total Heptachlorodibenzofuran (HpCDF)	33	25	76%	0.0748	0.000191	0.0185	0.0117	--	--	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Avian) (U = 1/2 max limit)	33	33	100%	0.027	0.000117	0.00189	0.00105	--	--	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 1998 (Fish) (U = 1/2 max limit)	33	33	100%	0.0085	0.000111	0.00099	0.000561	--	--	--	--	--	--
PH-ROD Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2 max limit)	33	33	100%	0.0081	9.76E-05	0.00115	0.000666	--	0.01	--	--	--	--
PCB Aroclors (µg/kg)													
Aroclor 1016	33	0	0%	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	33	0	0%	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	33	0	0%	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	33	2	6%	3.25	1.56	2.4	2.41	--	--	--	--	--	--
Aroclor 1248	33	0	0%	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	33	13	39%	9.6	1.03	3.26	2.61	--	--	--	--	--	--
Aroclor 1260	33	16	48%	6.55	0.801	2.58	2.15	--	--	--	--	--	--
Aroclor 1262	33	0	0%	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	33	0	0%	--	--	--	--	--	--	--	--	--	--
PH-ROD Total PCB Aroclors (U = 1/2 max limit)	33	17	52%	20.5	7.57	11.2	10.1	200	9	75	--	10	--
Total Petroleum Hydrocarbons (mg/kg)													
Diesel range hydrocarbons	33	27	82%	3460	5.68	193	48.9	--	91	--	--	5	--
Extractable Petroleum Hydrocarbons (mg/kg)													
C10-C12 Aliphatics unadjusted	33	2	6%	59.6	4.44	32	32	--	--	--	--	--	--

Notes:

µg/kg: microgram per kilogram

CUL: cleanup level

EPA: U.S. Environmental Protection Agency

mg/kg: milligram per kilogram

PCB: polychlorinated biphenyl

PH: Portland Harbor

PTW: principal threat waste

RAL: remedial action level

ROD: Record of Decision – Portland Harbor Superfund Site, Portland, Oregon

Table 5-1
Summary of First Phase PDI Vertically Unbounded Subsurface Sediment Cores

Sample Location	Depth Reached (feet)	Core Recovery Percentage (%)	COCs with PTW Threshold Exceedance ¹	COCs with Site-Wide RAL Exceedance
USMPDI-002	7.0	78	—	TPAH ^a , PCBs, DDx
USMPDI-008	4.5	94	—	1,2,3,7,8-PeCDD ^a
USMPDI-015	8.5	94	—	1,2,3,7,8-PeCDD ^a , TPAH ^a , DDx
USMPDI-016	11.5	91	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , TPAH
USMPDI-019	12.4	89	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a
USMPDI-020	18	95	—	DDx ^a , TPAH ^a , PCBs ^a
USMPDI-024	10.7	91	—	DDx, PCBs ^a
USMPDI-025	15.7	85	PCBs ^a	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, DDx ^a , TPAH ^a , PCBs ^a
USMPDI-028	6.7	96	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , PCBs ^a , TPAH
USMPDI-029	12.8	91	—	1,2,3,7,8-PeCDD ^a , TPAH ^a , DDx
USMPDI-030	6.0	88	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a
USMPDI-031	6.3	90	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a
USMPDI-033	16	84	PCBs	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , DDx ^a , TPAH ^a , PCBs ^a
USMPDI-035	6.1	87	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , PCBs ^a
USMPDI-036	12.7	91	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , PCBs ^a
USMPDI-037	12.7	91	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , TPAH ^a , PCBs ^a
USMPDI-038	15.9	85	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , DDx ^a , TPAH ^a , PCBs ^a
USMPDI-041	16.5	87	1,2,3,4,7,8-HxCDF ^a	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , PCBs ^a
USMPDI-042	15.8	83	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , DDx ^a , TPAH ^a , PCBs ^a
USMPDI-043	15.8	83	—	TPAH ^a , PCBs ^a
USMPDI-044	17.8	94	—	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, DDx ^a , TPAH ^a , PCBs ^a
USMPDI-049	16.7	88	1,2,3,4,7,8-HxCDF ^a	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , DDx ^a , TPAH ^a , PCBs ^a
USMPDI-050	17.1	90	—	DDx ^a , TPAH ^a , PCBs ^a
USMPDI-051	11.2	85	PCBs ^a	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , TPAH ^a , PCBs ^a
USMPDI-052	13.4	77	1,2,3,4,7,8-HxCDF ^a	1,2,3,7,8-PeCDD ^a , DDx, TPAH ^a , PCBs ^a
USMPDI-053	14.0	92	—	2,3,7,8-TCDD ^a , 1,2,3,7,8-PeCDD ^a , DDx, TPAH ^a , PCBs

Notes:

1. As communicated in EPA's email dated October 28, 2022 (EPA 2022c), the remediation thresholds for TCDD and PeCDD are 0.001 and 0.0025 µg/kg, respectively. It is NW Natural's understanding that these remediation thresholds will be used in the BODR to fully delineate SMAs and identify DOC. These revised thresholds are not used for the comparison to site-wide RALs in this Combined DSR-PDIWP, and NW Natural has confirmed that application of these revised thresholds does not affect the scope of the second phase PDI discussed in Section 5.

a: This COC exceeded either the RAL or the PTW threshold within at least one of the bottom two 1-foot intervals.

µg/kg: microgram per kilogram

BODR: Basis of Design Report

COC: contaminant of concern

Combined DSR-PDIWP: *Combined Sediment Remedy Basis of Design and Preliminary Design Report*

DDx: the sum of dichlorodiphenyldichloroethane, dichlorodiphenyldichloroethylene, and dichlorodiphenyltrichloroethane

DOC: depth of contamination

EPA: U.S. Environmental Protection Agency

HxCDF: hexachlorodibenzofuran

PCB: polychlorinated biphenyl

PDI: pre-design investigation

PeCDD: pentachlorodibenzo-p-dioxin

PTW: principal threat waste

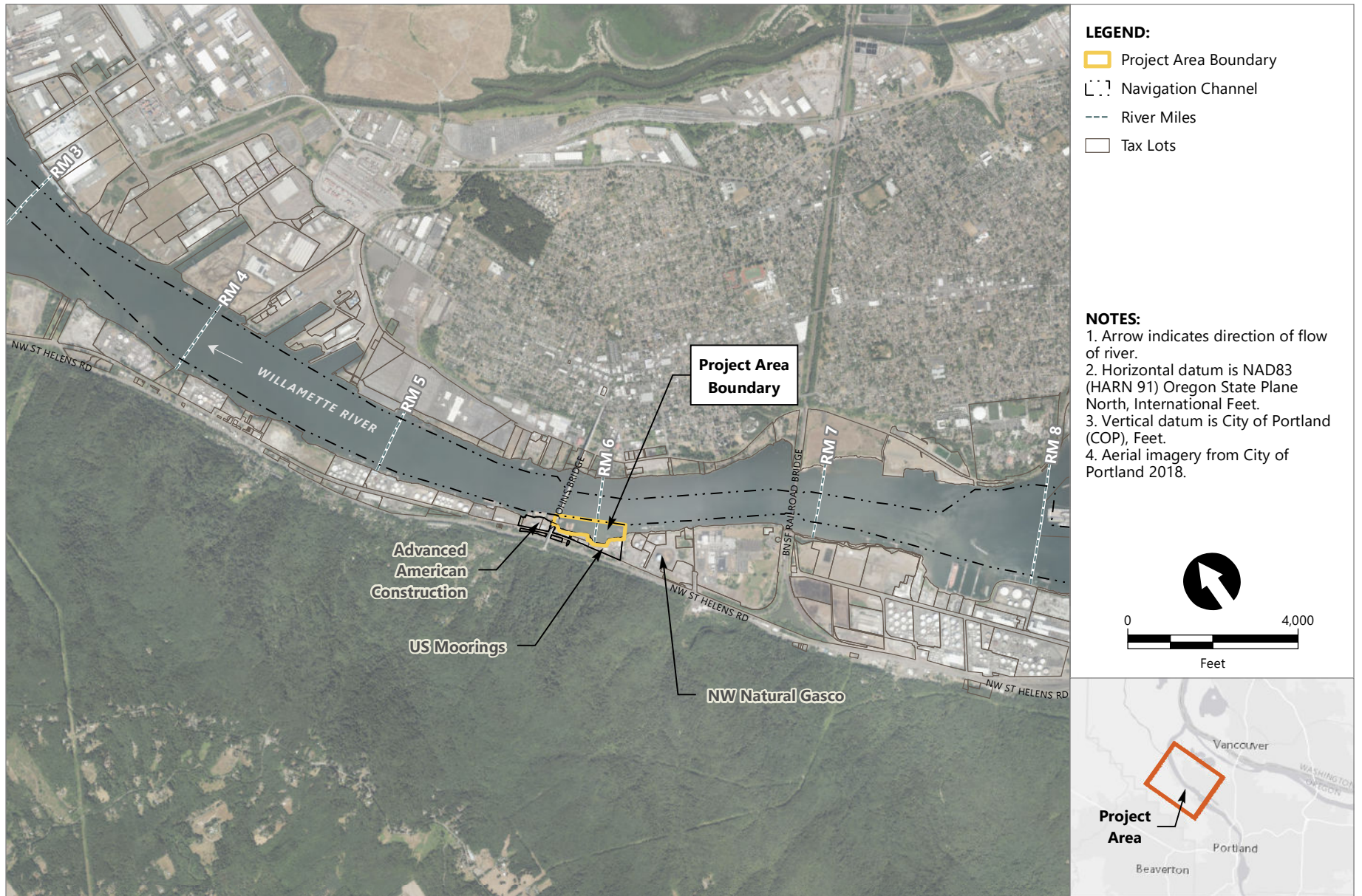
RAL: remedial action level

SMA: sediment management area

TCDD: tetrachlorodibenzo-p-dioxin

TPAH: total polycyclic aromatic hydrocarbon

Figures



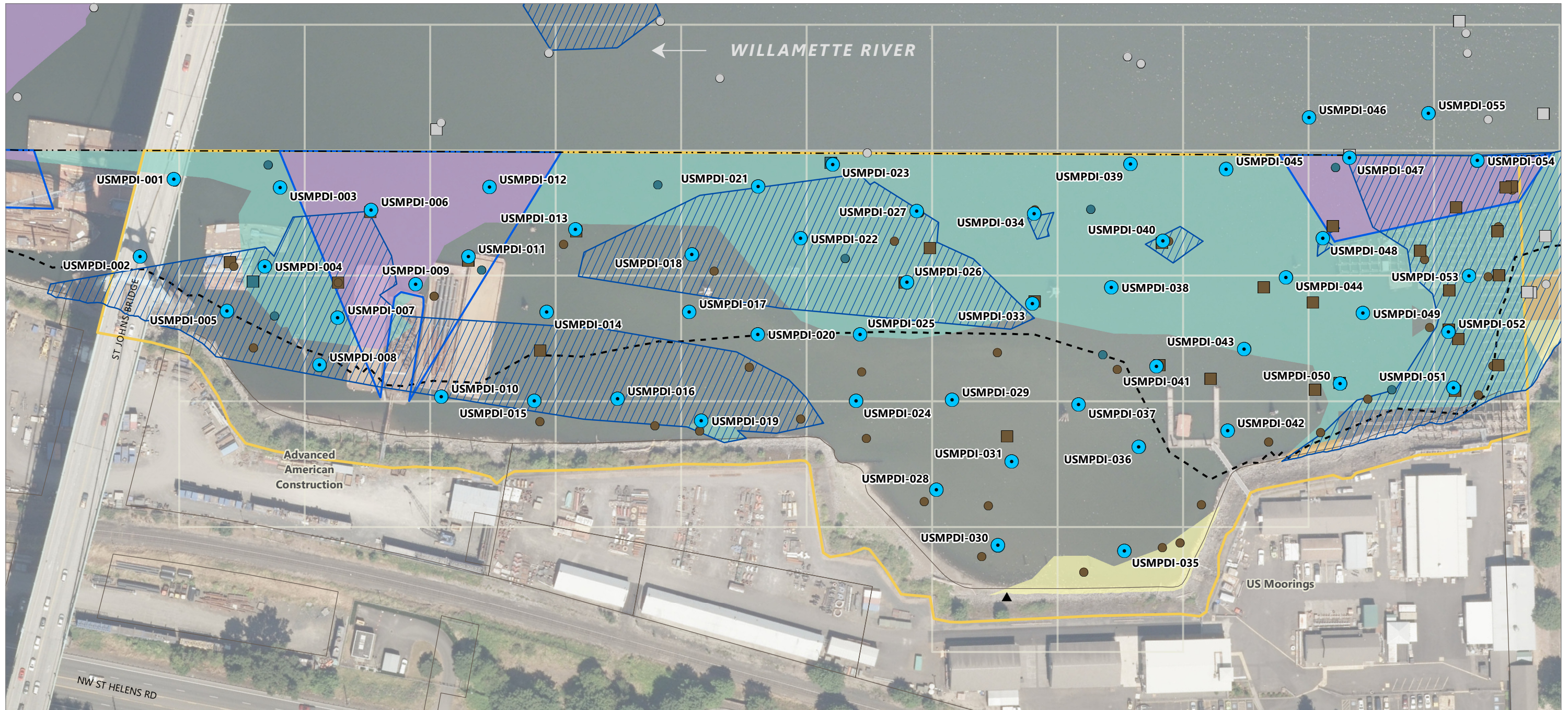
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**Figure 1-1
Vicinity Map**

First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan
 US Moorings Project Area

USMS0023971

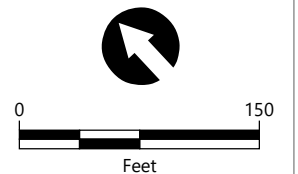


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| <ul style="list-style-type: none"> Project Area Boundary Navigation Channel Tax Lots Approximate Shallow/Intermediate Zone Boundary² Future Maintenance Dredging Area Post-ROD SMAs¹ | <p>ROD Data Outside Project Area</p> <ul style="list-style-type: none"> Surface Sediment Location Subsurface Sediment Location <p>ROD SMA Technology</p> <ul style="list-style-type: none"> Cap Dredge Dredge in Nav-FMD Dredge with Cap | <p>Locations Inside Project Area</p> <p><i>Pre-RD Group Data Inside Project Area</i></p> <ul style="list-style-type: none"> Surface Sediment Location Subsurface Sediment Location <p><i>ROD Data Inside Project Area</i></p> <ul style="list-style-type: none"> Surface Sediment Location Subsurface Sediment Location Seep Sample Location | <ul style="list-style-type: none"> First Phase PDI Surface Sediment Sample Location |
|---|--|--|--|

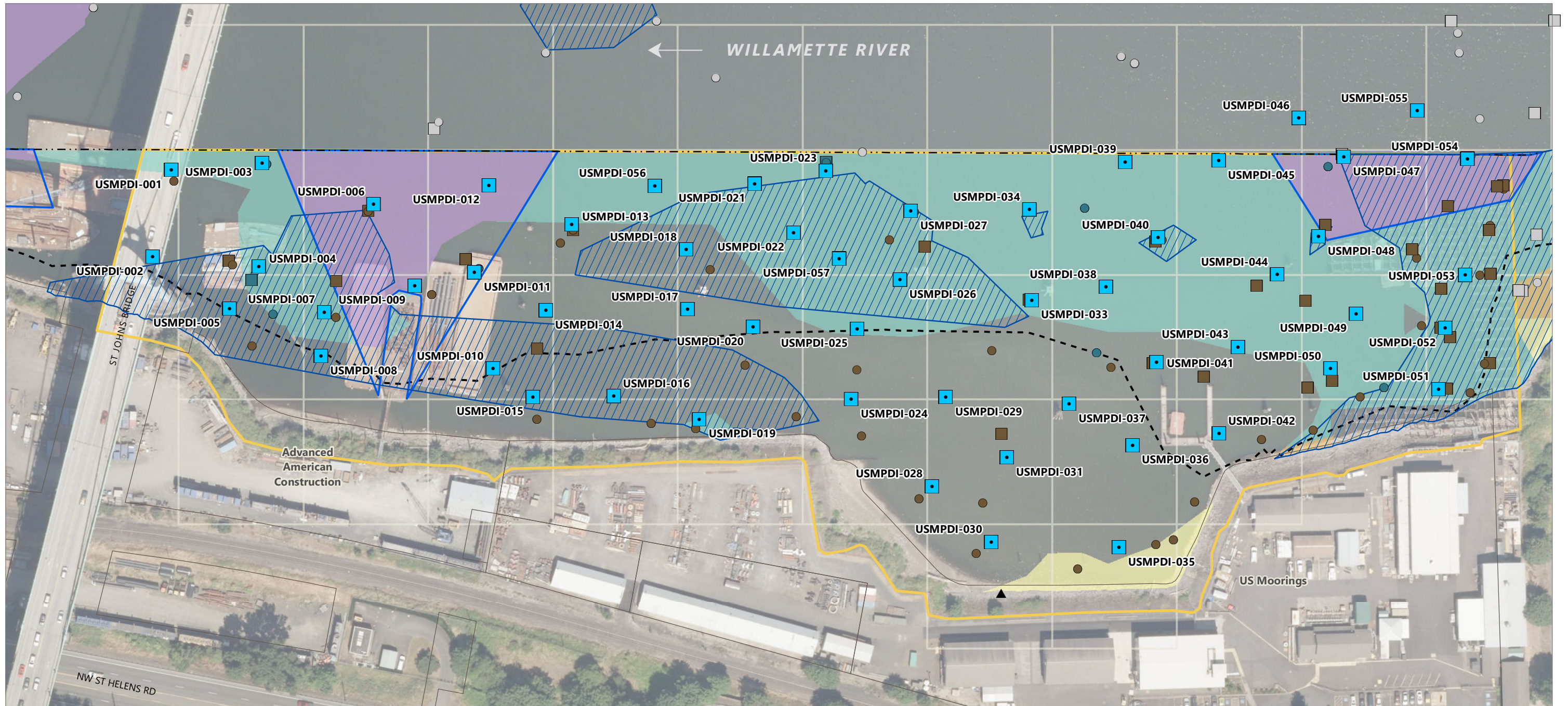
NOTES:

1. Sediment management areas developed consistent with the ROD-identified methods using the post-ROD dataset identified in the Pre-Design Investigation Work Plan (prior to collection of First Phase PDI samples).
2. ROD-identified -2 Feet Columbia River Datum Shallow Region elevation threshold converted to City of Portland vertical datum.
3. Arrow indicates direction of flow of river.
4. Horizontal datum is NAD83 (HARN 91) Oregon State Plane North, International Feet.
5. Vertical datum is City of Portland (COP), Feet.
6. Aerial imagery from City of Portland 2018.
7. Shown grid is in 150-foot by 150-foot dimensions to support remedial design data density determinations.



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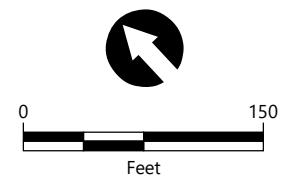


LEGEND:

- | | | | |
|---|--------------------------------------|--|---|
| Project Area Boundary | ROD Data Outside Project Area | Locations Inside Project Area | First Phase PDI Subsurface Sediment Sample Location |
| Navigation Channel | Surface Sediment Location | <i>Pre-RD Group Data Inside Project Area</i> | |
| Tax Lots | Subsurface Sediment Location | Surface Sediment Location | |
| Future Maintenance Dredging Area | ROD SMA Technology | Subsurface Sediment Location | |
| Approximate Shallow/Intermediate Zone Boundary ² | Cap | <i>ROD Data Inside Project Area</i> | |
| Post-ROD SMAs ¹ | Dredge | Surface Sediment Location | |
| | Dredge in Nav-FMD | Subsurface Sediment Location | |
| | Dredge with Cap | Seep Sample Location | |

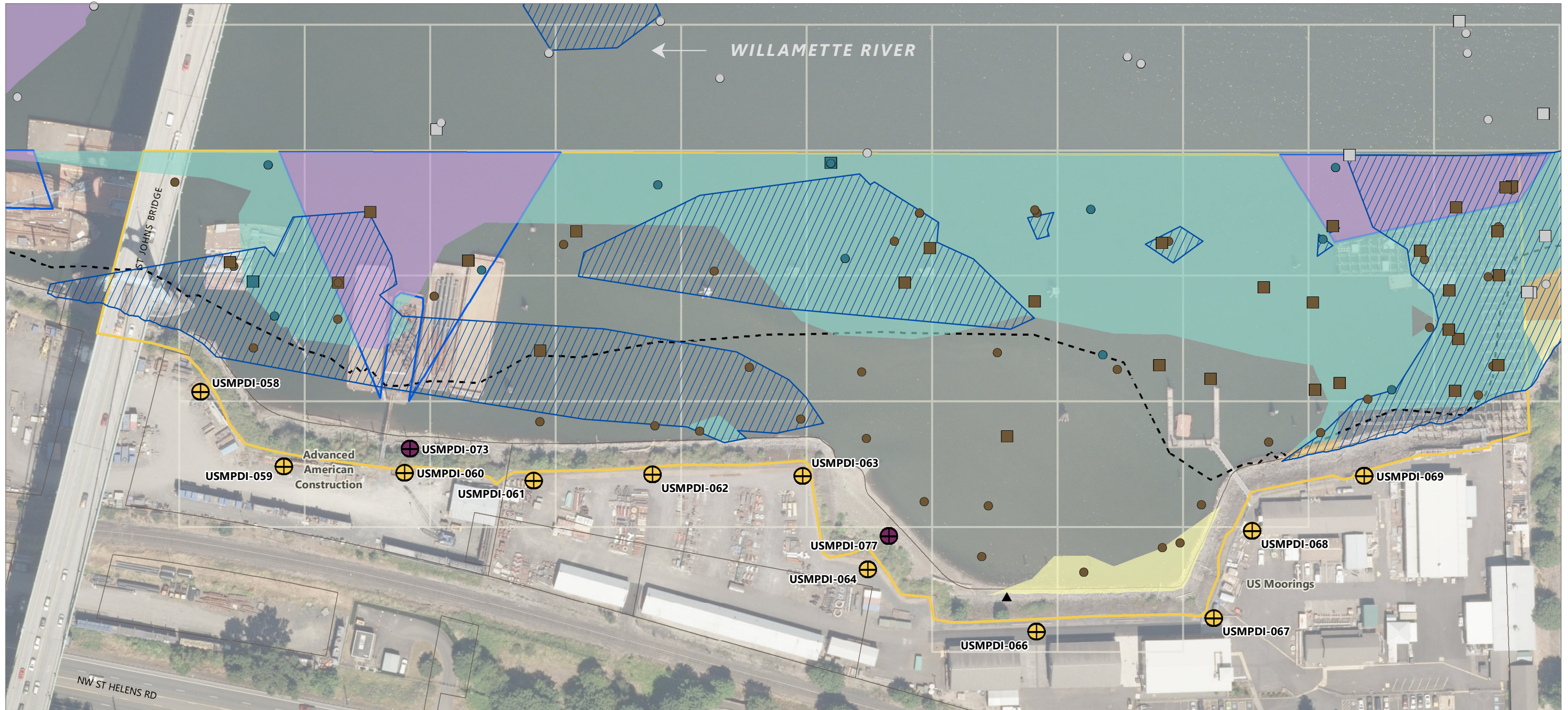
NOTES:

- Sediment management areas developed consistent with the ROD-identified methods using the post-ROD dataset identified in the Pre-Design Investigation Work Plan (prior to collection of First Phase PDI samples).
- ROD-identified -2 Feet Columbia River Datum Shallow Region elevation threshold converted to City of Portland vertical datum.
- Arrow indicates direction of flow of river.
- Horizontal datum is NAD83 (HARN 91) Oregon State Plane North, International Feet.
- Vertical datum is City of Portland (COP), Feet.
- Aerial imagery from City of Portland 2018.
- Shown grid is in 150-foot by 150-foot dimensions to support remedial design data density determinations.



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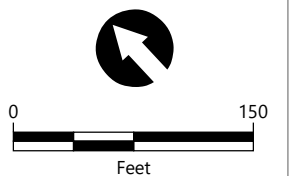


LEGEND:

- | | | | |
|--|---|--|--|
| <ul style="list-style-type: none"> Project Area Boundary Tax Lots Future Maintenance Dredging Area Post-ROD SMAs¹ Approximate Shallow/Intermediate Zone Boundary² | <p>ROD Data Outside Project Area</p> <ul style="list-style-type: none"> Surface Sediment Location Subsurface Sediment Location <p>ROD SMA Technology</p> <ul style="list-style-type: none"> Dredge Dredge in Nav-FMD Dredge with Cap | <p>Locations Inside Project Area</p> <p><i>Pre-RD Group Data Inside Project Area</i></p> <ul style="list-style-type: none"> Surface Sediment Location Subsurface Sediment Location <p><i>ROD Data Inside Project Area</i></p> <ul style="list-style-type: none"> Surface Sediment Location Subsurface Sediment Location Seep Sample Location | <ul style="list-style-type: none"> First Phase PDI Riverbank Soil Sample Location First Phase PDI Angled Top of Riverbank Boring Sample Location |
|--|---|--|--|

NOTES:

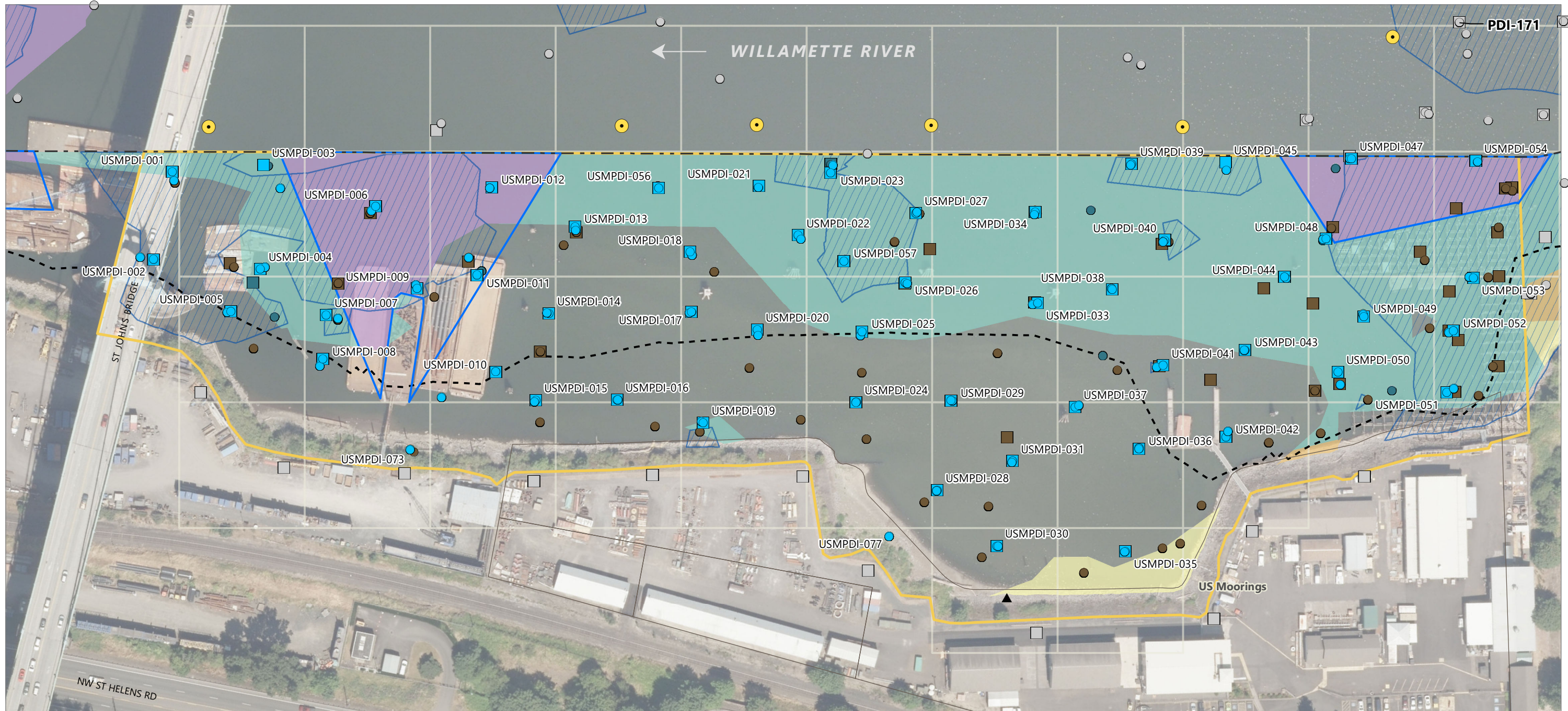
1. Sediment management areas developed consistent with the ROD-identified methods using the post-ROD dataset identified in the Pre-Design Investigation Work Plan (prior to collection of First Phase PDI samples).
2. ROD-identified -2 Feet Columbia River Datum Shallow Region elevation threshold converted to City of Portland vertical datum.
3. Arrow indicates direction of flow of river.
4. Horizontal datum is NAD83 (HARN 91) Oregon State Plane North, International Feet.
5. Vertical datum is City of Portland (COP), Feet.
6. Aerial imagery from City of Portland 2018.
7. Shown grid is in 150-foot by 150-foot dimensions to support remedial design data density determinations.



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Figure 2-3
First Phase PDI Riverbank Angled Boring and Riverbank Surface Soil
 First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan
 US Moorings Project Area
USMS0023974



LEGEND:

Project Area Boundary

Navigation Channel

US Moorings Property Boundary

Post-ROD SMAs + First Phase PDI Data⁵

Future Maintenance Dredging Area

Approximate Shallow/Intermediate Zone Boundary

Locations Outside Project Area

Surface Sediment Location

Subsurface Sediment Location

ROD SMA Technology

Cap

Dredge

Dredge in Nav-FMD

Dredge with Cap

Locations Inside Project Area

Pre-RD Group Data Inside Project Area

Surface Sediment Location

Subsurface Sediment Location

ROD Data Inside Project Area

Surface Sediment Location

Subsurface Sediment Location

▲ Seep Sample Location

PDI Data Inside Project Area

● First Phase PDI Surface Sediment Location

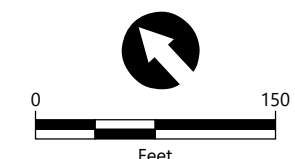
■ First Phase PDI Subsurface Sediment Location

● Proposed Second Phase PDI Surface Sediment Sample Locations

NOTES:

1. Arrow indicates direction of flow of river.
2. Horizontal datum is NAD83 (HARN 91) Oregon State Plane North, International Feet.
3. Vertical datum is City of Portland (COP), Feet.
4. Aerial imagery from City of Portland 2018.
5. Sediment management areas developed using surface sediment data consistent with the ROD-identified methods using the post-ROD data set identified in the Pre-Design Investigation Work Plan and first phase PDI

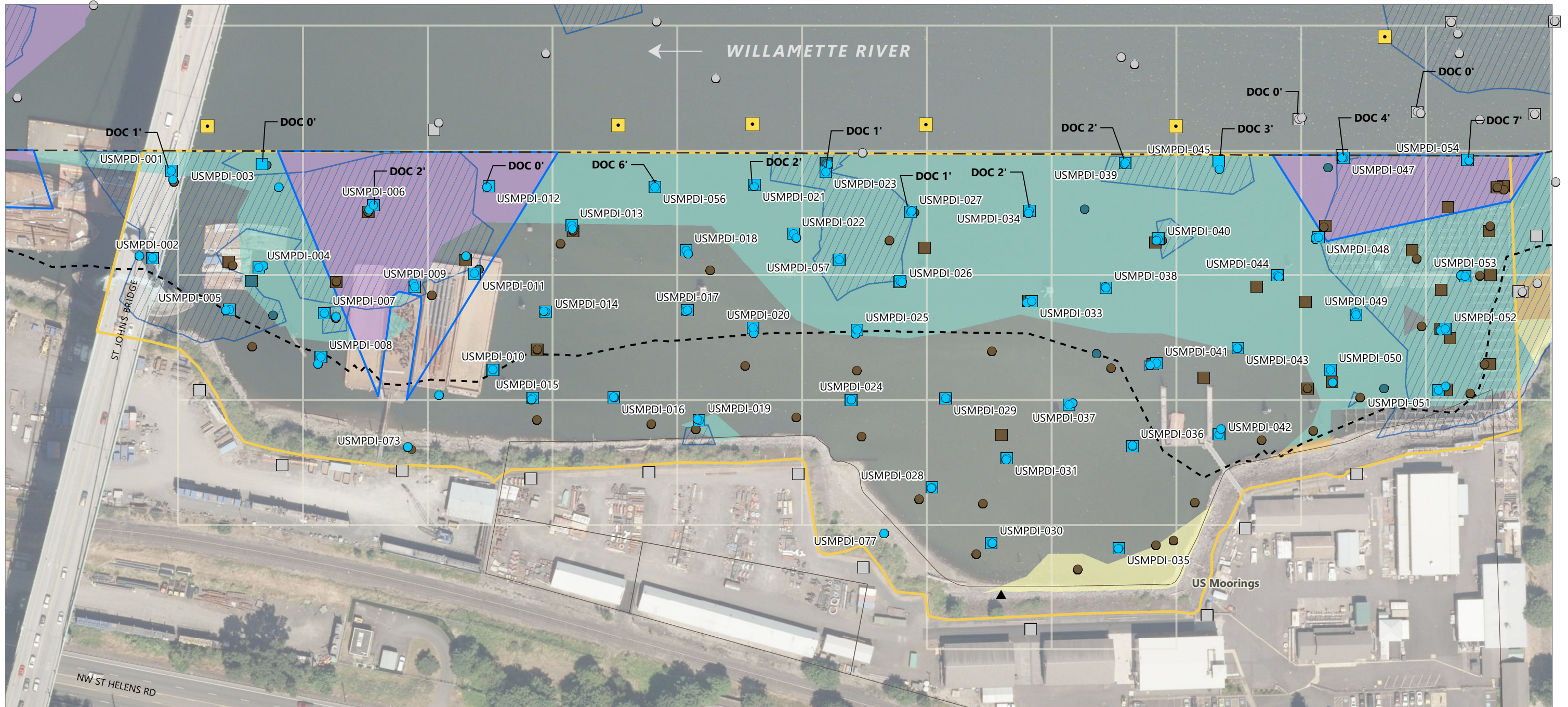
6. Sediment management areas include the revised 1,2,3,4,7,8-HxCDF PTW-highly toxic threshold of 0.4 µg/kg per EPA Errata #3 dated September 7, 2022.
7. Shown grid is in 150-foot by 150-foot dimensions to support remedial design data density determinations.



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Figure 5-1
Proposed Second Phase PDI Surface Sediment Sampling Locations
 First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan
 US Moorings Project Area
USMS0023975



LEGEND:

- Project Area Boundary
- Navigation Channel
- US Moorings Property Boundary
- Post-ROD SMAs + First Phase PDI Data⁵
- Future Maintenance Dredging Area
- Approximate Shallow/Intermediate Zone Boundary

ROD SMA Technology

- Cap
- Dredge
- Dredge in Nav-FMD
- Dredge with Cap

Locations Outside Project Area

- Surface Sediment Location
- Subsurface Sediment Location

Locations Inside Project Area

- Pre-RD Group Data Inside Project Area*
- Surface Sediment Location
- Subsurface Sediment Location
- ROD Data Inside Project Area*
- Surface Sediment Location
- Subsurface Sediment Location
- Seep Sample Location

PDI Data Inside Project Area

- First Phase PDI Surface Sediment Location
- First Phase PDI Subsurface Sediment Location
- Proposed Second Phase PDI Subsurface Sediment DOC Sample Location

NOTES:

1. Arrow indicates direction of flow of river.
2. Horizontal datum is NAD83 (HARN 91) Oregon State Plane North, International Feet.
3. Vertical datum is City of Portland (COP), Feet.
4. Aerial imagery from City of Portland 2018.
5. Sediment management areas developed using surface sediment data consistent with the ROD-identified methods using the post-ROD data set identified in the Pre-Design Investigation Work Plan and first phase PDI results. Following the second phase PDI, the sediment management areas will be revised to

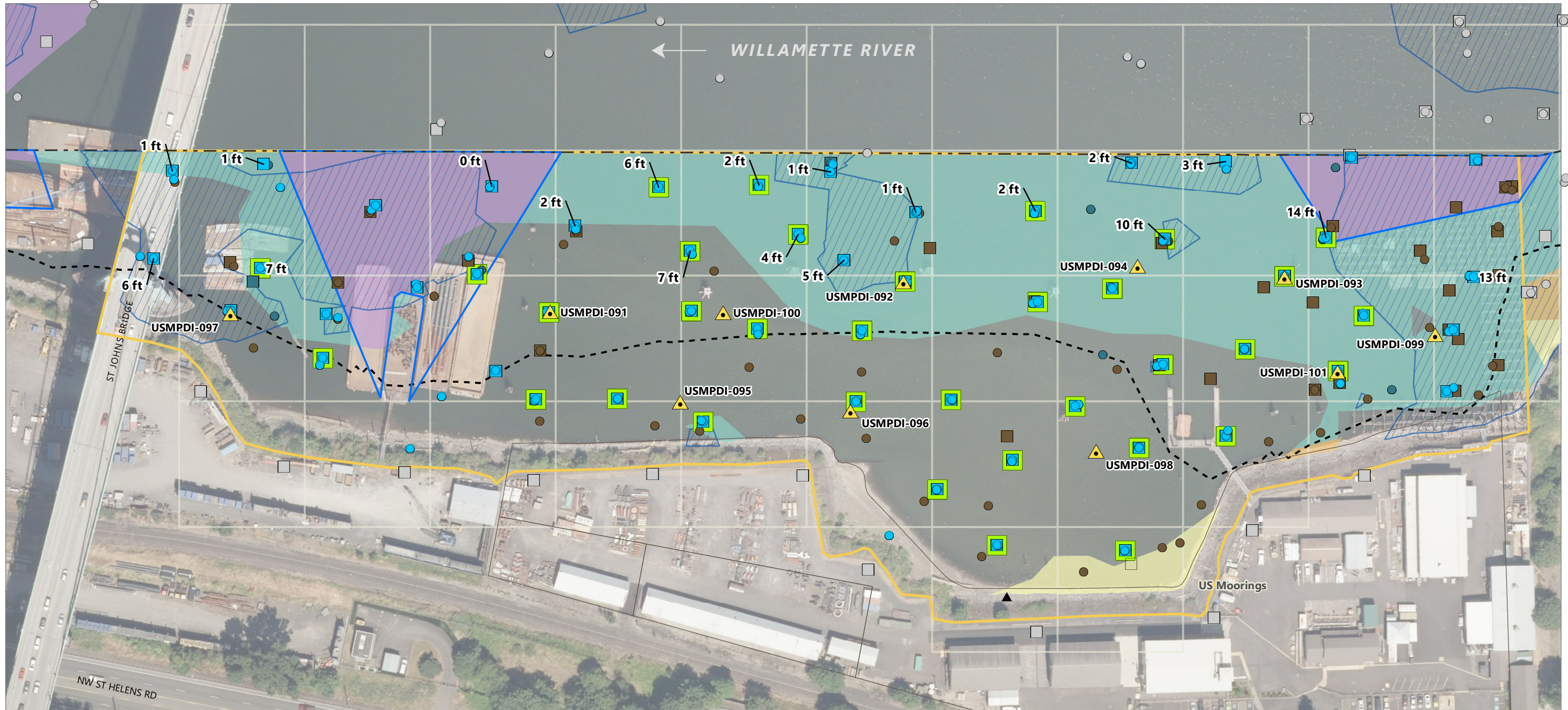
include subsurface sediment data.
 6. Sediment management areas include the revised 1,2,3,4,7,8-HxCDF PTW-highly toxic threshold of 0.4 µg/kg per EPA Errata #3 dated September 7, 2022.
 7. Shown grid is in 150-foot by 150-foot dimensions to support remedial design data density determinations.



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Figure 5-2
Proposed Second Phase PDI Subsurface Sediment DOC Sampling Locations
 First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan
 US Moorings Project Area
USMS0023976



LEGEND:

- Project Area Boundary
- Navigation Channel
- US Moorings Property Boundary
- Post-ROD SMAs + First Phase PDI Data⁵
- Future Maintenance Dredging Area
- Approximate Shallow/Intermediate Zone Boundary
- 2 ft** Depth of Contamination

ROD SMA Technology

- Cap
- Dredge
- Dredge in Nav-FMD
- Dredge with Cap

Locations Outside Project Area

- Surface Sediment Location
- Subsurface Sediment Location

Pre-RD Data Inside Project Area

Pre-RD Group Data Inside Project Area

- Surface Sediment Location
- Subsurface Sediment Location

ROD Data Inside Project Area

- Surface Sediment Location
- Subsurface Sediment Location
- Seep Sample Location

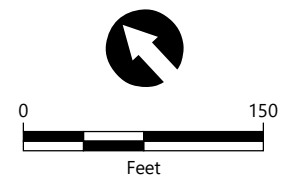
PDI Data Inside Project Area

- Surface Sediment Location
- Subsurface Sediment Location
- Phase 1 PDI Subsurface Sediment Locations with Buried Contamination
- Proposed Second Phase PDI Seepage Meter Sample Location

NOTES:

1. Arrow indicates direction of flow of river.
2. Horizontal datum is NAD83 (HARN 91) Oregon State Plane North, International Feet.
3. Vertical datum is City of Portland (COP), Feet.
4. Aerial imagery from City of Portland 2018.
5. Sediment management areas developed using surface sediment data consistent with the ROD-identified methods using the post-ROD data set identified in the Pre-Design Investigation Work Plan and first phase PDI results. Following the second phase PDI, the

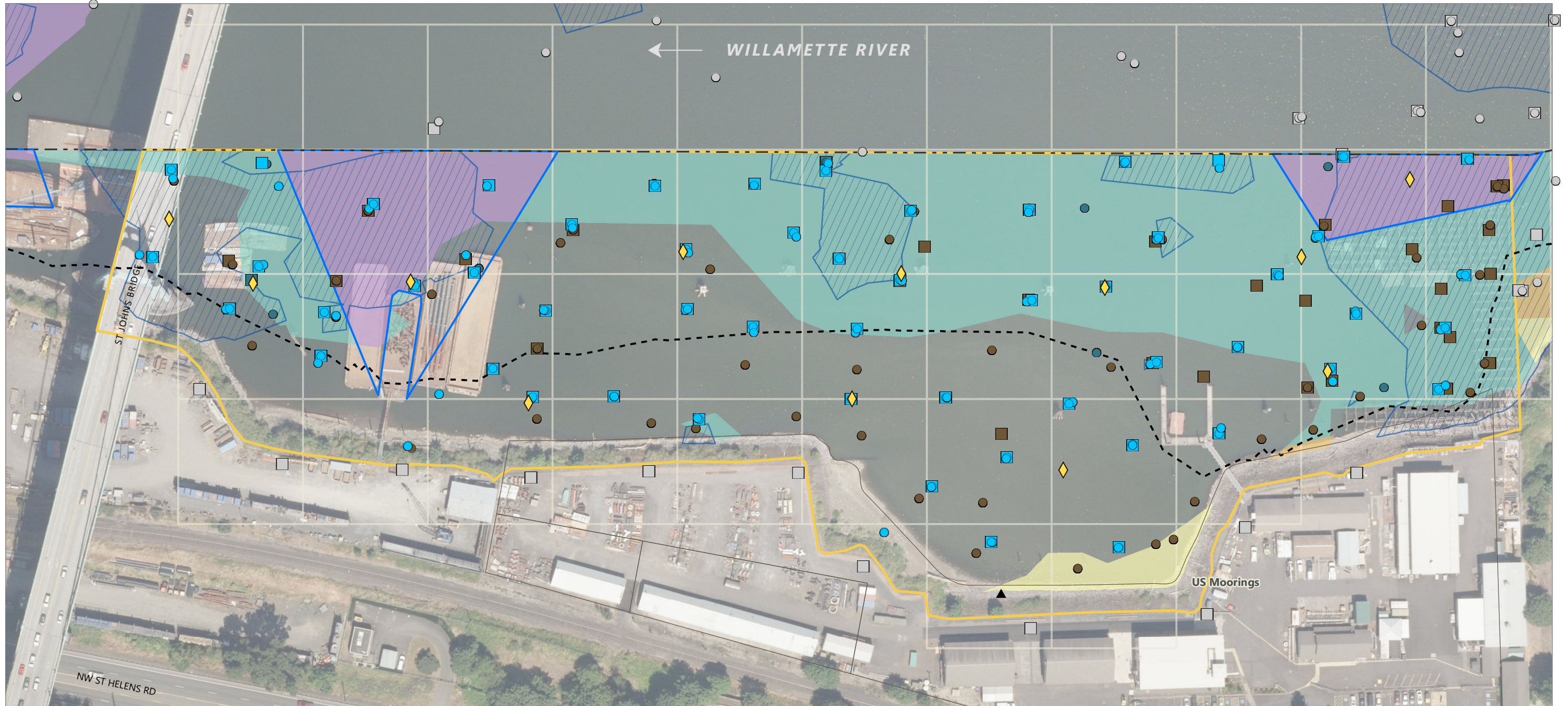
sediment management areas will be revised to include subsurface sediment data.
 6. Sediment management areas include the revised 1,2,3,4,7,8-HxCDF PTW-highly toxic threshold of 0.4 µg/kg per EPA Errata #3 dated September 7, 2022.
 7. Shown grid is in 150-foot by 150-foot dimensions to support remedial design data density determinations.



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Figure 5-3
Proposed Second Phase Seepage Meter Sampling Locations
 First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan
 US Moorings Project Area
USMS0023977

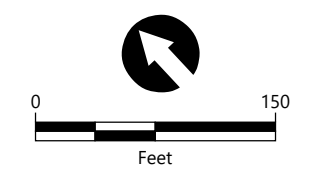


LEGEND:

Project Area Boundary	Locations Outside Project Area	Locations Inside Project Area	PDI Data Inside Project Area
Navigation Channel	Surface Sediment Location	<i>Pre-RD Group Data Inside Project Area</i>	Surface Sediment Location
US Moorings Property Boundary	Subsurface Sediment Location	Surface Sediment Location	Subsurface Sediment Location
Post-ROD SMAs + First Phase PDI Data ⁵	ROD SMA Technology	Subsurface Sediment Location	Proposed Second Phase PDI TCLP/RCRA Sample Location
Future Maintenance Dredging Area	Cap	<i>ROD Data Inside Project Area</i>	
Approximate Shallow/Intermediate Zone Boundary	Dredge	Surface Sediment Location	
	Dredge in Nav-FMD	Subsurface Sediment Location	
	Dredge with Cap	Seep Sample Location	

NOTES:

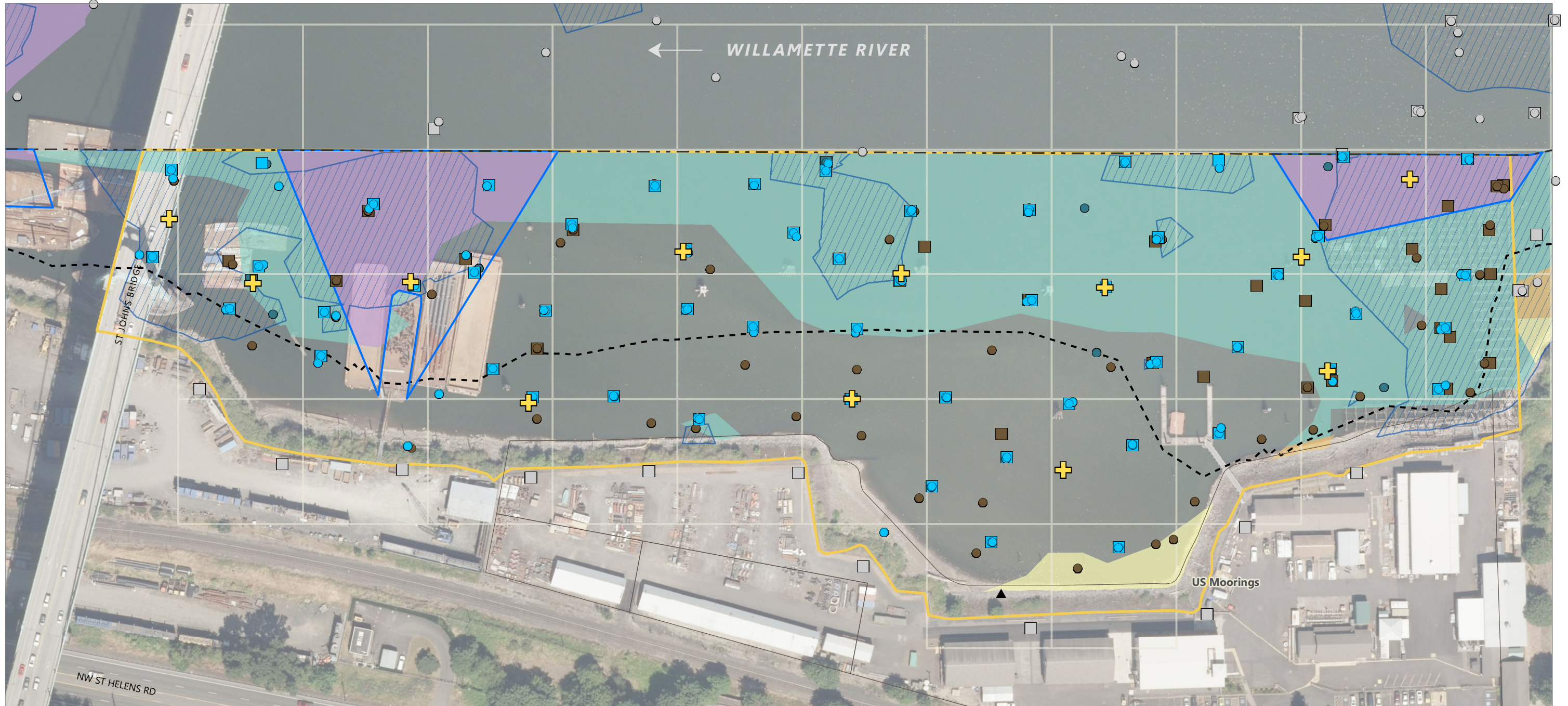
1. Arrow indicates direction of flow of river.
2. Horizontal datum is NAD83 (HARN 91) Oregon State Plane North, International Feet.
3. Vertical datum is City of Portland (COP), Feet.
4. Aerial imagery from City of Portland 2018.
5. Sediment management areas developed using the ROD-identified methods using the post-ROD data set identified in the Pre-Design Investigation Work Plan and first phase PDI results. Following the second phase PDI, the sediment management areas will be revised to include subsurface sediment data.
6. Sediment management areas include the revised 1,2,3,4,7,8-HxCDF PTW-highly toxic threshold of 0.4 µg/kg per EPA Errata #3 dated September 7, 2022.
7. Shown grid is in 150-foot by 150-foot dimensions to support remedial design data density determinations.



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Figure 5-4
Proposed Second Phase Waste Suitability Characterization Sampling Locations
 First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan
 US Moorings Project Area
USMS0023978



LEGEND:

Project Area Boundary

Navigation Channel

US Mooring Property Boundary

Post-ROD SMAs + First Phase PDI Data⁵

Future Maintenance Dredging Area

Approximate Shallow/Intermediate Zone Boundary

Locations Outside Project Area

Surface Sediment Location

Subsurface Sediment Location

ROD SMA Technology

Cap

Dredge

Dredge in Nav-FMD

Dredge with Cap

Locations Inside Project Area

Pre-ROD Group Data Inside Project Area

Surface Sediment Location

Subsurface Sediment Location

ROD Data Inside Project Area

Surface Sediment Location

Subsurface Sediment Location

Seep Sample Location

PDI Data Inside Project Area

Surface Sediment Location

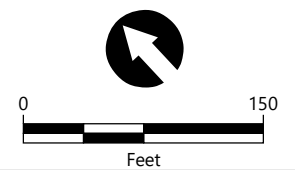
Subsurface Sediment Location

Proposed Second Phase PDI Barge Dewatering Treatment and Stabilization Evaluation Sample Location

NOTES:

1. Arrow indicates direction of flow of river.
2. Horizontal datum is NAD83 (HARN 91) Oregon State Plane North, International Feet.
3. Vertical datum is City of Portland (COP), Feet.
4. Aerial imagery from City of Portland 2018.
5. Sediment management areas developed using surface sediment data consistent with the ROD-identified methods using the post-ROD data set identified in the Pre-Design Investigation Work Plan and first phase PDI results.
6. Following the second phase PDI, the sediment management areas will be revised to include subsurface sediment data.
7. Sediment management areas include the revised 1,2,3,4,7,8-HxCDF PTW-highly toxic threshold of 0.4 µg/kg per EPA Errata #3 dated September 7, 2022.
7. Shown grid is in 150-foot by 150-foot dimensions to support remedial design data density determinations.

Investigation Work Plan and first phase PDI results. Following the second phase PDI, the sediment management areas will be revised to include subsurface sediment data. Sediment management areas include the revised 1,2,3,4,7,8-HxCDF PTW-highly toxic threshold of 0.4 µg/kg per EPA Errata #3 dated September 7, 2022. Shown grid is in 150-foot by 150-foot dimensions to support remedial design data density determinations.



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Figure 5-5
Proposed Second Phase Barge Dewatering Treatment and Stabilization Evaluation Sampling Locations
 First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan
 US Mooring Project Area
USMS0023979