NW Natural Pre-Remedial Design Data Gaps Sampling Gasco Sediments Site – Spring 2020 Field Change Request Form

Project Name:	Gasco Sediments C	leanup Action	Subconsu	ultant: _	Anchor QEA, LLC
Field Activity: Subsurface Sediment Sampling		Request Number: 12			
To: Hunter Young, U.S. Environmental Protection Agency		Date: A	pril 24, 2	2020	
Field Change Request (FCR) Title: Additional Perimeter Subsurface Sediment Core Collection and Analyses to Determine Final Project Area					

Description

On April 16, 2020, NW Natural received approval from the U.S. Environmental Protection Agency (EPA) on Field Change Request Form No. 10 (FCR 10). FCR 10 described the rationale and approach for the collection of 18 additional perimeter subsurface sediment cores and analyses to determine the Final Project Area. The coring work was started on April 20, 2020, and several of these additional subsurface sediment cores have been successfully collected and processed. One location, PDI-152, has visual and olfactory observations (Figure 1) that indicate the potential for sediment concentrations exceeding the Record of Decision (ROD) Table 21 total polycyclic aromatic hydrocarbon (TPAH) remedial action levels (RALs). Due to this potential, and in order to collect all necessary data for remedial design during this mobilization, NW Natural proposes to collect two additional sediment cores offset from PDI-152 to bound potential RAL exceedances. Chemical analysis of samples collected from these stations will be consistent with FCR 10 but only triggered if the PDI-152 sediment concentrations exceed the ROD Table 21 RAL or principal threat waste (PTW)-highly toxic thresholds.

Recommended Change

NW Natural proposes to collect two additional sediment cores less than 150 feet from PDI-152 at the stations shown in Figure 1 with the geographic coordinates provided in Table 1. The samples will be collected and processed consistent with FCR 10, but chemical analysis will only be triggered if the PDI-152 sediment concentrations exceed the ROD Table 21 RAL or PTW-highly toxic thresholds.

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Nik Bacher, Anchor QEA	maratin	April 24, 2020
Respondent Field Coordinator (or Designee)	Signature	Date
Approval:		
	Ryan But	
Ryan Barth, Anchor QEA		April 24, 2020
Respondent Project Lead	Signature	Date

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Distribution List:

Hunter Young, EPA

young.hunter@epa.gov; 503-326-5020

Lance Peterson, CDM Smith

PetersonLE@cdmsmith.com; 425-519-8382

Bob Wyatt, NW Natural

rjw@nwnatural.com; 503-226-4211, ext. 5425

Patty Dost, Pearl Legal Group PC

pdost@pearllegalgroup.com; 503-467-4675

Ryan Barth, Anchor QEA

rbarth@anchorgea.com; 206-903-3334

Nik Bacher, Anchor QEA

nbacher@anchorqea.com; 206-903-3376

Joe Smith, Anchor QEA

jsmith@anchorgea.com; 206-219-5892

Delaney Peterson, Anchor QEA

dpeterson@anchorqea.com; 360-715-2707

Table

Table 1 Additional Perimeter Interim Project Area Subsurface Sediment Core Sampling Locations

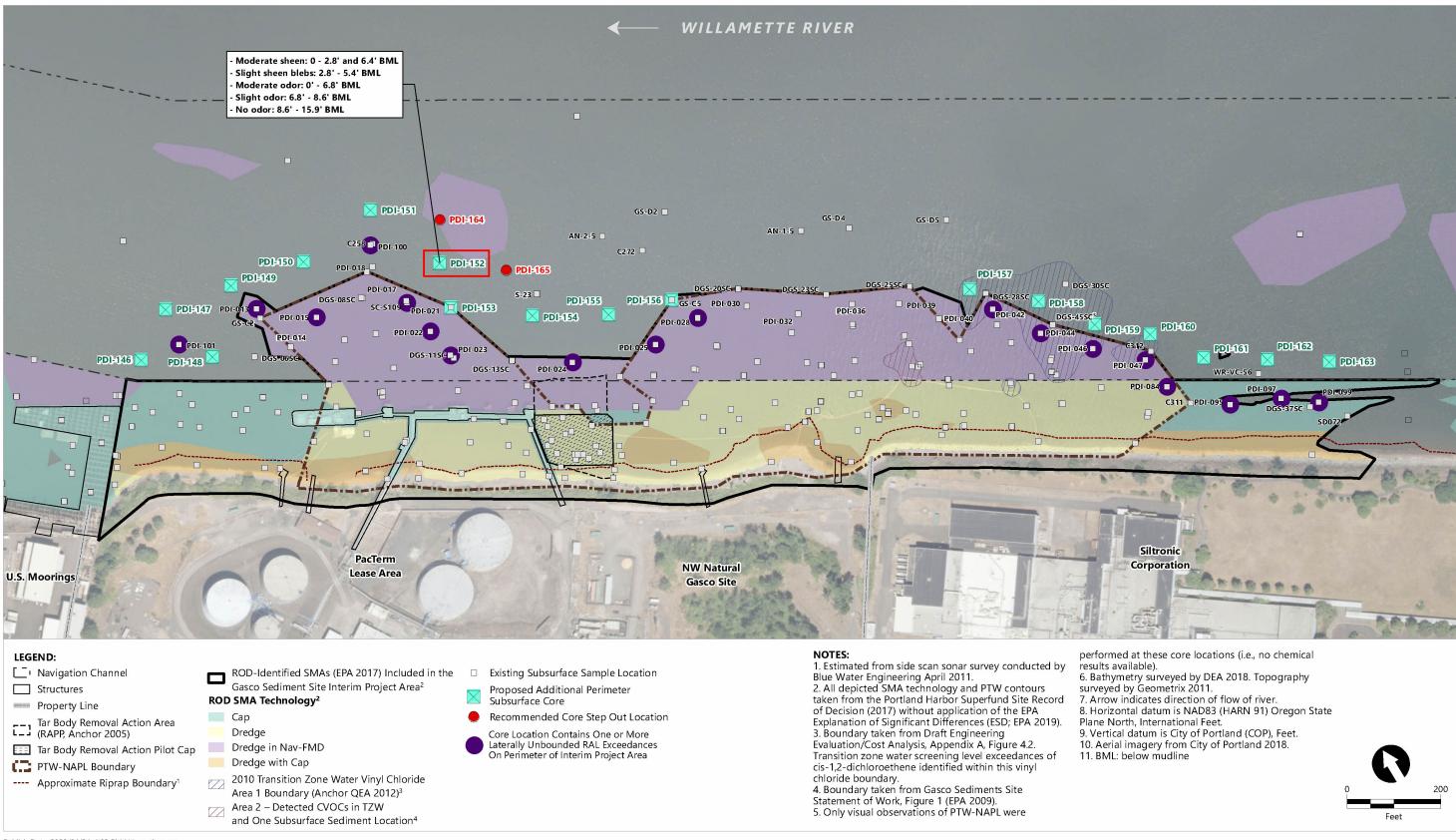
Location ID	Easting (X)	Northing (Y)
PDI-164	7623973.70	706179.30
PDI-165	7624039.80	706014.50

Notes:

Coordinates are in North American Datum of 1983 (HARN91) Oregon State Plane North, International Feet.

HARN91: High Accuracy Reference Network 91

Figure



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Figure 1 Proposed Additional Subsurface Sediment Core Locations

Field Change Request No. 12 Gasco Sediments Cleanup Action