

January 15, 2020

Sean Sheldrake
Project Coordinator
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: December 2019 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
USEPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Dear Mr. Sheldrake,

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in December 2019 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. Actions Taken in This Month and Problems Encountered

The following actions and correspondences occurred in this month:

- December 1 through 31 – Anchor QEA coordinated with the analytical laboratories to ensure the physical and chemical analyses were performed in accordance with the Gasco Sediments Site *Revised Pre-Remedial Design Data Gaps Work Plan (Work Plan)* and associated EPA-approved field change request forms.
- December 11 – Anchor QEA submitted the November Gasco Sediments Site monthly progress report.
- December 19 – Anchor QEA performed the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap.

2. Results of Sampling, Tests, and Other Data Received

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A. Some preliminary data were received that were collected as part of the Work Plan.

3. Schedule of Activities for the Next Month

Anchor QEA anticipates the following activities to occur in the next month:

- Submit the January Gasco Sediments Site monthly progress report.

- Complete monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.
- Continue analytical laboratory coordination and initiate evaluation of preliminary data.

4. Anticipated Problems and Proposed Resolutions

No problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, PE
Project Manager

cc:

Bob Wyatt, NW Natural
Patty Dost, Pearl Legal Group PC
Myron Burr, Siltronic Corporation
David Rabbino, Jordan Ramis PC
Mike Murray, Maul Foster & Alongi, Inc.
Lance Peterson, CDM Smith
Sarah Greenfield, DEQ
Dana Bayuk, DEQ
Dan Hafley, DEQ

Attachments

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Visual Observations Log Form

December 20, 2019

Project: NW Natural – Gasco

Project Number: 000029-02.59, Task 4

Location: NW Natural “Gasco” Site

Monitoring Period: Monthly (Year 13)—December 2019

Observations Started: December 19, 2019 @ 8:00

Observations Concluded: December 19, 2019 @ 9:00

Photographs Taken: Yes: No:

Recorded by: Douglas Laffoon

Weather Conditions

Cloudy, 41° Fahrenheit, light wind from the southeast.

Wave Action Observations

Calm (0.0 – 0.1 feet in height)

Tidal Conditions

Willamette River level on 12/19/19 ranged in elevation 1.99 to 5.48 feet. The Willamette River level during the photos in this report is approximately 2.56 feet measured at 8:30 AM (River Level Elevation Datum: Morrison Gage Height).

Observations of Erosion/Deposition

No erosion or deposition is evident along the shoreline.

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.)

During the observation, a barge was moored to the ship dock, but the Pac Term containment boom was in place from the dock to the upriver dolphin. The 3 buoys identifying the cap area to mariners are in place as installed. The positions of the Pac Term oil boom and warning buoys are shown in Photo 1.

All exposed organo-clay mat material segments are visible. A segment, 5 feet in length, is exposed approximately 10 feet above the water's edge, near the lateral mid-point of the cap area. A 15-foot-long section is exposed at the water's edge, perpendicular to the shoreline at the upriver boundary of the cap area. A section of organo-clay mat material measuring 40 feet in length is exposed along the shoreline, extending from 2 feet in the water to 5 feet landward of the water's edge.

Other Comments

Spots of sheen were observed just riverward to the 40-foot section near the downriver end of the cap (Photo 3). Photo 4 shows the water surface and shoreline immediately downriver of the sediment cap.

Photos

Photo 1

Pac Term Oil Boom Placement from dock to dolphin with Three Mariner Warning Buoys at Pilot Cap Area (12/19/2019)



Photo 2

Mat Material Visible In and Out of the Water at the Downriver Extent of the Cap Area (12/19/2019)



Photo 3
Spots of Sheen by Downriver Extent of Cap Area by Mat Material (12/19/2019)



Photo 4
Conditions Immediately Downriver of Cap Area (12/19/2019)

