

May 15, 2023

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

Re: April 2023 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site Within the Portland Harbor Superfund Site

Dear Mr. Young,

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action for actions taken in April 2023 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:

- April 1 through 30 – Anchor QEA continued development of the *In Situ Stabilization and Solidification Field Pilot Study Work Plan* and *Revised Sediment Remedy Basis of Design Report*.
- April 3 through 13 – Anchor QEA completed the field sampling described in the U.S. Environmental Protection Agency (EPA)-approved *Final Revised Additional Depth of Contamination Characterization Addendum within the Gasco Sediment Site Project Area* (Addendum) dated March 1, 2023.
- April 12 – NW Natural submitted comments on EPA's Working Draft Water Quality Monitoring Plan Template.
- April 13 – NW Natural submitted Calypso Diving LLC's *Site Safety Health and Diving Operations Plan* (Diver HASP) prepared to mobilize divers to attempt the retrieval of the drill casing that became disconnected from the core head during vibracoring as part of the Addendum field implementation.
- April 14 – Anchor QEA submitted the March Gasco Sediments Site monthly progress report, and NW Natural received EPA's comments on the *Revised In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan Addendum* and Diver HASP.
- April 18 – NW Natural received an email from EPA stating it has no further comments on the Diver HASP.

- April 20 – 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.

3. Schedule of Activities for the Next Month

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

- Submit the May Gasco Sediments Site monthly progress report.
- Complete monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.
- Continue laboratory analysis associated with the *Revised In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan* and the Addendum.
- Continue development of the *In Situ Stabilization and Solidification Field Pilot Study Work Plan* and *Revised Sediment Remedy Basis of Design Report*.

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
Rob Ede, Hahn and Associates, Inc.
Mike Crystal, Severson Environmental Services, Inc.
Elizabeth Bingold, Siltronic Corporation
Traci Parker, Siltronic Corporation
David Rabbino, Jordan Ramis PC

Mike Murray, Maul Foster & Alongi, Inc.

Lance Peterson, CDM Smith

Sarah Greenfield, DEQ

Dan Hafley, DEQ

Wesley Thomas, DEQ

Attachment

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Visual Observations Log Form

April 24, 2023

Project: NW Natural – Gasco

Project Number: 000029-02.85, Task 5.1

Location: NW Natural “Gasco” Site

Monitoring Period: Monthly (Year 17) – March 2023

Observations Started: April 20, 2023 @ 11:00

Observations Concluded: April 20, 2023 @ 12:00

Photographs Taken: Yes: No:

Recorded by: Douglas Laffoon

Weather Conditions

Rain, 45°F, light wind from the southeast.

Wave Action Observations

Very little to no wave action (0.0 – 0.1 foot in height)

Tidal Conditions

Willamette River level on 4/20/2023 ranged in elevation from 4.13 to 5.32 feet. The Willamette River level during the photos in this report is approximately 5.32 feet measured at 11:15 (River Level Elevation Datum: Morrison Gage Height).

Observations of Erosion/Deposition

No erosion or deposition was evident along the shoreline within the cap area.

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

During the observation, a barge was moored at the ship dock, and the Centerline Logistics (Centerline) containment boom was in place from dock to dolphin. The three warning buoys identifying the cap area to mariners were in place as installed. The positions of the Centerline oil boom and warning buoys are shown in Photo 1.

All organoclay mat material segments were submerged and only partially visible due to high river elevations (Photo 2). The visible segments of organoclay mat were in visually good condition.

Other Comments

Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap. No sheen was observed within the cap area.

Photos

Photo 1

Centerline Oil Boom Placement from Dock to Dolphin with Three Mariner Warning Buoys at Pilot Cap Area (4/20/2023)



Photo 2

Organoclay Mat Material at the Midpoint of the Cap Area (4/20/2023)



Photo 3
Conditions Immediately Downriver of Cap Area Looking Upriver (4/20/2023)

