

January 13, 2023

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

Re: December 2022 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 December 2022 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 5 – NW Natural received U.S. Environmental Protection Agency's (EPA's) comments on the *Preferred Alternative Report* (PAR) for the Gasco Sediments Site.
- December 5 through 31 – Anchor QEA reviewed EPA's comments on the PAR, continued planning for implementation of the *In Situ Stabilization and Solidification Laboratory Pilot Study Work Plan* following receipt of EPA's forthcoming comments on the plan, continued development of a memorandum titled *Additional Depth of Contamination Characterization Addendum within the Gasco Sediments Site Project Area*, and initiated planning-level discussions regarding the *In Situ Stabilization and Solidification Field Pilot Study Work Plan*.
- December 15 – Anchor QEA submitted the November Gasco Sediments Site monthly progress report.
- December 22– 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 January Gasco Sediments Site monthly progress report.
- Complete monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.
- Submit the *Additional Depth of Contamination Characterization Addendum within the Gasco Sediments Site Project Area*.
- Receive and respond to EPA's comments on the *In Situ Stabilization and Solidification Laboratory Pilot Study Work Plan*.
- Initiate development of the *In Situ Stabilization and Solidification Field Pilot Study Work Plan*.

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
Myron Burr, 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

December 23, 2022

Project: NW Natural – Gasco

Project Number: 000029-02.79, Task 5.1

Location: NW Natural “Gasco” Site

Monitoring Period: Monthly (Year 16) – December 2022

Observations Started: December 22, 2022 @ 11:00

Observations Concluded: December 22, 2022 @ 12:00

Photographs Taken: Yes: No:

Recorded by: Douglas Laffoon

Weather Conditions

Overcast, 21°F, heavy east wind

Wave Action Observations

Large wave action (0.5 – 1.0 foot in height)

Tidal Conditions

Willamette River level on 12/22/2022 ranged in elevation from 2.61 to 5.49 feet. The Willamette River level during the photos in this report is approximately 2.67 feet measured at 11:30 (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 dock, but the Centerline Logistics (Centerline) containment boom was in place from dock to dolphin. The three 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 potentially exposed organoclay mat material segments were visible and partially exposed above the waterline. A 40-foot section at the downriver extent of the cap area was partially exposed above the waterline, and a 7-foot section at the lateral midpoint of the cap area is exposed approximately 1 foot above the waterline. A 15-foot section at the upriver extent of the cap area is exposed approximately 12 feet above the waterline. Photo 2 shows the mat segment at the upriver end of the cap. The exposed 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 (12/22/2022)



Photo 2
Organoclay Mat Material at the Downriver Extent of the Cap Area (12/22/2022)



Photo 3
Conditions Immediately Downriver of Cap Area Looking Downriver (12/22/2022)

