

April 14, 2023

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

Re: March 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 March 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:

- March 1 through 31 – Anchor QEA continued development of the *In Situ Stabilization and Solidification Field Pilot Study Work Plan* and *Revised Pre-Remedial Design Basis of Design Report*.
- March 1 – Anchor QEA submitted the *Revised Additional Depth of Contamination Characterization Addendum within the Gasco Sediments Site Project Area* memorandum.
- March 13 – Anchor QEA submitted the *Revised In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan Addendum*.
- March 14 – NW Natural received the U.S. Environmental Protection Agency's (EPA's) comments and conditional approval of the *Revised In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan for the Gasco Sediments Site Project Area*.
- March 15 – Anchor QEA submitted the February Gasco Sediments Site monthly progress report, and NW Natural received the Oregon Department of Environmental Quality's comments on the *In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan* dated February 15, 2023, and subsequent *Revised In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan Addendum* dated March 13, 2023.
- March 20 through 25 – Anchor QEA completed the field sampling described in the *Revised In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan*.

- March 23 – Anchor QEA submitted the *Final Revised Additional Depth of Contamination Characterization Addendum within the Gasco Sediments Site Project Area* memorandum.
- March 24 – Anchor QEA submitted Field Change Request Form 1 associated with a core recovery acceptance deviation from the procedures defined in the *In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan*.
- March 27 through 31 – Anchor QEA completed the field sampling described in the *Additional Depth of Contamination Characterization Addendum within the Gasco Sediments Site Project Area* memorandum.
- March 27 – NW Natural received EPA's approval of Field Change Request Form 1.
- March 28 – Anchor QEA performed the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap and submitted Field Change Request Form 2 associated with treatability study core acceptance without the presence of PTW-NAPL.
- March 30 – Anchor QEA resubmitted Field Change Request Form 2 associated with treatability study core acceptance without the presence of PTW-NAPL.
- March 31 – NW Natural received EPA's approval of Field Change Request Form 2.

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 April Gasco Sediments Site monthly progress report.
- Complete monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.
- Continue field sampling and laboratory analysis associated with the *Revised In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan* and *Final Revised Additional Depth of Contamination Characterization Addendum within the Gasco Sediments Site Project Area* memorandum.
- Continue development of the *In Situ Stabilization and Solidification Field Pilot Study Work Plan* and *Revised Pre-Remedial Design 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,

A handwritten signature in black ink, appearing to read "Ryan Barth". The signature is fluid and cursive, with the first name "Ryan" and the last name "Barth" clearly distinguishable.

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

March 29, 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: March 28, 2023 @ 8:45

Observations Concluded: March 28, 2023 @ 9:45

Photographs Taken: Yes: No:

Recorded by: Douglas Laffoon

Weather Conditions

Rain, overcast, 45°F, moderate wind from the east.

Wave Action Observations

Small wave action (0.1 – 0.3 foot in height)

Tidal Conditions

Willamette River level on 3/28/2023 ranged in elevation from 2.03 to 4.63 feet. The Willamette River level during the photos in this report is approximately 3.96 feet measured at 9:00 (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 submerged and only partially visible due to high river elevations (Photo 2). A 7-foot section at the lateral midpoint of the cap area was partially exposed above the water line. The visible, 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 Logistics Oil Boom Placement from Dock to Dolphin with Three Mariner Warning Buoys at Pilot Cap Area (3/28/2023)



Photo 2

Organoclay Mat Material at the Upriver End of the Cap Area (3/28/2023)



Photo 3
Conditions Immediately Downriver of Cap Area Looking Downriver (3/28/2023)

