ANCHOR QEA

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September 13, 2011

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

Re: August 2011 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

Project Number: 000029-02.28

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 take in August 2011 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:

- **August 1 to 31 –** Continued completion of laboratory analysis and data validation on the samples collected during completion of the *Final Project AIR and Data Gaps QAPP* re-sampling addendum.
- **August 14 to 31** – Anchor QEA, LLC, communicated with the U.S. Environmental Protection Agency (EPA) regarding scheduling a technical data meeting to discuss the results of the benthic toxicity re-testing sampling conducted as part of the EPA-approved addendum to the *Project Area Identification Reports and Data Gaps QAPP* technical team, and scheduling a subsequent Engineering Evaluation/Cost Analysis

(EE/CA) technical briefing to EPA, Oregon Department of Environmental Quality (DEQ), Tribes and other stakeholders.

- **August 15** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.
- **August 29** – Receipt of DEQ and EPA comments on the *Recommended RBCs for Certain CVOCs for Characterizing Dredged Sediment from Gasco Sediments Site Pursuant to Statement of Work* memorandum dated January 13, 2011.

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. The field sampling results obtained during completion of the EPA-approved *Final Project AIR and Data Gaps QAPP* and subsequent EPA-approved addendum will be reported in the *Draft EE/CA and Data Report*.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

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

- Submittal of the September monthly progress report.
- Completion of monthly visual monitoring of the pilot cap area.
- Completion of the data validation of the chemical analyses and receipt of the benthic toxicity results performed as part of the *Final Project AIR and Data Gaps QAPP* re-sampling addendum.
- Technical meeting September 20 between NW Natural, Siltronic Corporation, and EPA technical team to discuss the results of the benthic toxicity re-testing sampling conducted as part of the EPA-approved addendum to the *Project Area Identification Reports and Data Gaps QAPP* and use in EE/CA alternatives development.
- Technical briefing between NW Natural, Siltronic Corporation, EPA, DEQ, Tribes and other stakeholders to present the proposed alternatives to be carried through the *Draft EE/CA and Data Report*. Anchor QEA is still working to schedule this meeting.

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, P.E.
Assistant Project Manager

Carl Stivers, Partner
Project Manager

Attachments:

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural
Patty Dost, Pearl Legal Group PC
Tom McCue, Siltronic Corporation
Alan Gladstone and Hanne Eastwood, Davis Rothwell Earle and Xochihua
James Peale, Maul Foster Alongi, Inc.
Lance Peterson, Camp Dresser McKee
Matt McClincy, DEQ
Dana Bayuk, DEQ

Visual Observations Log Form

Date	August 17, 2011	**Project Number:**	000029-02 BG-28 Task 3c
Location:	NW Natural "Gasco" Site		
Project Name:	NW Natural – Gasco		
Monitoring Period:	Monthly (Year 5)—August 2011		
Time Observations Started:	August 17, 2011 @ 13:00	**Time Observation Concluded:**	August 17, 2011 @ 15:00
Weather Conditions:	Clear, 75 degrees Fahrenheit, winds 0-5 knots from the west.		
Wave Action Observations:	Light wave action (0.0 – 0.3 feet in height)		
Photographs Taken:	Yes No		

Tidal Conditions:	Willamette River level ranged in elevation from 3.75 to 6.14 feet. The Willamette River level during photos was approximately 4.11 feet measured at 14:00 (River Level Elevation Datum: Morrison Gage Height)
Observations of Erosion/Deposition:	No erosion/deposition is evident along the shoreline. Three organo-clay mat material segments are exposed and visible. One 15-foot section of organo-clay mat is visible at the upriver extent of the cap area, with 4 feet of the material extending landward of the water's edge. Near the midpoint of the cap area shoreline, a 4-foot section is exposed and extends approximately 3 feet from the water's edge. A 30-foot section of mat is visible near the downriver extent of the cap beneath 1-3 feet of water (Photo 1).
Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.)	During the observation, the Fuel and Marine Marketing (FAMM) containment boom was moved from around a fuel barge moored to the dock to across the cap area, between the upriver corner of the ship dock and the wooden dolphin (near the upriver extent of the site and near the Siltronic Corporation outfall). Buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys and a general overview of the site shoreline are shown in Photo 2.
Other Comments:	No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.
Recorded by:	Douglas Laffoon

Photo 1 — *Visible section of organo-clay mat, 1 to 3 feet underwater near downriver end of cap (August 17, 2011)*

Photo 2 — *FAMM oil boom shown around fuel barge and mariner warning buoys in place across pilot cap area. The FAMM oil boom was later moved across pilot cap area (August 17, 2011)*

Photo 3 — *Conditions immediately downriver of cap area (August 17, 2011)*