

September 15, 2005  
10077.009

Oregon Department of Environmental Quality  
Northwest Region  
2020 SW Fourth Avenue  
Suite 400  
Portland, Oregon 97201-4987

**VIA Email**

**Attention: Anna Coates**

**Subject: Progress Report – June to August 2005  
Remedial Investigation/Feasibility Study/Interim Removal Action Measures  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon  
DEQ ECSI File #2277**

Dear Ms. Coates:

This letter presents the progress made by the PRP Group from June to August 2005 on the RI/FS and IRAM development at the Astoria Area-Wide Petroleum Site in Astoria, Oregon. This work is being conducted in response to DEQ Order No. ECSR-NWR-01-11.

**WORK COMPLETED FROM JUNE TO AUGUST 2005**

The work plan for sub-slab sampling at the Port of Astoria office building was completed and submitted to DEQ on June 13, 2005. Sub-slab vapor sampling probes were installed and sampled on July 21 and 22. Only three of four planned probes could be installed. The thickness of the slab at one location exceeded 15 inches, the limit of the equipment available for installing the probes.

Field work related to the upgrade of the HVAC system at the Port office building was completed. We are waiting on the contractor to supply as-built diagrams of the upgraded system. Initial manometer readings indicated a neutral pressure differential between inside the building and outside the building. We believe open windows may have affected these readings. Additional measurements may be made under other barometric conditions in the future.

Cowlitz Clean Sweep (CCS) of Astoria, Oregon, performed monthly maintenance for the product absorbent socks in nine site monitoring wells containing measurable product. These monitoring wells are located upland of Slip 2 and at the Delphia Oil site. The socks are weighed upon removal from the monitoring well to develop an understanding about the product recovery rates. The enhanced synthetic and floating absorbent boom system installed in Slip 2 was inspected on a monthly basis.

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A technical memorandum describing upland data collection tasks and work plan for further characterization of petroleum hydrocarbons on Pier 2 was submitted to the DEQ on August 25, 2005.

Geotechnical borings were drilled by Terra Dolce Consultants, Inc., and its contractor at the former Mobil/Niemi Oil bulk plant on August 5, 2005. We understand that the proposed development on this property is moving forward and expect that implementation of the IRAM work plan will occur this fall.

Undocumented diesel and gasoline pipelines were found on July 25, 2005, during site preparation for construction of the new Bornstein Seafoods facility at the Port. The pipelines were traced by Locating, Inc., to their apparent termini. CCS provided site response services by removing fluids found in the pipelines, vacuuming volatiles, and making cuts in the pipelines to facilitate continued construction work.

Another undocumented structure, believed to be an old catch basin and drain, was found on August 9, 2005, as the Bornstein construction progressed. The structure was found to contain pea gravel and a heavy oil, such as bunker C. The structure including the drain was removed, as well as soil visibly affected by petroleum. Approximately 100 cubic yards were disposed at Hillsboro Landfill. Confirmation samples were collected from the floor of the excavated area and analytical results indicate that all affected soil was removed.

Work on the RI Report was initiated.

The human health risk assessment work plan was prepared during June through August.

The ecological risk assessment work plan was prepared during June through August.

Meetings of the PRP Group representatives were held on June 7, June 30, and August 2. Meetings between the PRP Group representatives and DEQ representatives were held on June 3, June 16, July 8, July 14, and August 11.

#### **WORK PLANNED FOR SEPTEMBER AND OCTOBER 2005**

The updated project schedule is attached to this monthly progress report. Active project work tasks include the following:

- Completion of a technical memorandum describing sub-slab sampling at the Port office building;
  - Completion of the documentation of installation of the upgraded HVAC system in the Port office building – we are waiting on the contractor to provide as-built diagrams;
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- Product recovery via absorbent socks in monitoring wells upland of Slip 2 and at Delphia Oil;
- Maintenance of the absorbent boom system in Slip 2;
- Preparation for field work to implement the work plan to conduct additional characterization in the area upland of the hydrocarbon seep at Slip 2;
- Acquisition of proposed building plans for the development at the former Mobil/Niemi bulk plant;
- Implementation of the IRAM Work Plan for the former Mobil/Niemi bulk plant;
- Preparation of documentation regarding the undocumented pipelines and structures found during the Bornstein Seafoods development;
- Preparation of the RI report;
- Completion of the work plan for and initiation of the human health risk assessment; and
- Completion of the work plan for and initiation of the ecological risk assessment.

#### **PROBLEMS ENCOUNTERED AND RESOLUTIONS**

There are no problems requiring resolution in the reporting period.

#### **CLOSING COMMENTS**

Please call me at (503)768-5121 if you have any questions or comments regarding this progress report.

Sincerely,  
*EnviroLogic Resources, Inc.*

*Thomas J. Calabrese*

Thomas J. Calabrese, RG, CWRE  
Principal/Hydrogeologist  
Project Manager

cc: Distribution list attached

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**ASTORIA AREA-WIDE PETROLEUM SITE  
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