

October 10, 2002
10077.003

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 – September 2002
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 during September 2002 on 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 (the Order).

WORK COMPLETED DURING SEPTEMBER 2002

Drilling and sample collection at the Niemi Cardlock and former Mobil/Niemi Oil Bulk Plant sites were completed during September. Laboratory analytical data and lithologic information from this field work, as well as from the work conducted during August, are currently being compiled and will be submitted to the DEQ in a technical memorandum in accordance with the schedule presented in the Work Plan. Final laboratory data are still pending.

Geophysical explorations were conducted to evaluate the locations of storm sewers and outfalls near the site. A report describing the results of the geophysical explorations and proposed storm water outfalls to be sampled will be submitted to DEQ during October.

An IRAM to decommission an underground storage tank and remedy hydrocarbon-impacted soil at the former Chevron/McCall Bulk Plant was completed during September by Chevron. Approximately 6,800 tons of soil were removed from the site. Backfill consists of crushed concrete from demolition of buildings on Pier 3.

Existing monitoring wells located near the McCall diesel pipeline release were redeveloped in September. Data developed during the redevelopment effort are attached to this status report.

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WORK PLANNED FOR OCTOBER AND NOVEMBER 2002

All final analytical data reports developed during the Phase 1 RI soil/source characterization program are expected to be received in October. A technical memorandum documenting the activities and presenting the data to DEQ will begin to be prepared during October 2002. This document will present the methods and procedures used during the field investigation, information about the data collected, boring logs, analytical data reports, and data validation reports.

A plan describing the proposed storm water monitoring locations will be prepared and submitted to DEQ. Storm water sampling at up to three outfalls will begin once the sampling plan is approved by DEQ. The water-level monitoring program in existing monitoring wells will continue.

Currently, sediment sampling and development of a monitoring-well installation plan have not been scheduled. We will provide the DEQ an update to the schedule with respect to these tasks as soon as it is known.

PROBLEMS ENCOUNTERED AND RESOLUTIONS

Tetrachloroethene (PCE) was detected in several trip blanks and soil samples associated with those blanks. The source of the PCE has not been identified but the coolers and gel ice are being investigated by North Creek Analytical to determine if they are the source. Further investigation of this matter is continuing.

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

Attachment

Cc: Distribution list attached

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**ASTORIA AREA-WIDE PETROLEUM SITE
Distribution List**

- 1 Anna Coates, DEQ Project Manager, Site Response
 - 1 Mike Lilly, Attorney for Port of Astoria
 - 1 Peter Gearin, Port of Astoria
 - 1 Tom Calabrese, *EnviroLogic Resources, Inc.*, Consultant for Port of Astoria
 - 1 Max Miller, Tonkon Torp, Attorney for McCall Oil and Chemical Corporation
 - 1 Ted McCall, McCall Oil and Chemical Corporation
 - 1 John Edwards, Anchor Environmental, LLC, Consultant for McCall Oil and Chemical Corp
 - 1 Cary E. Bechtolt, Niemi Oil Company
 - 1 Allan B. Bakalian, Marten Law Group, PLLC, Attorney for Niemi Oil Company
 - 1 Kurt Harrington, GeoEngineers, Inc., Consultant for Niemi Oil Company
 - 1 Frank Fossati, Shell Oil Company
 - 1 Rick Glick, Davis Wright Tremaine, Attorney for Shell Oil Company
 - 1 Leon Lahiere, Hart Crowser, Consultant for Shell Oil Company
 - 1 Brian Harris, Harris Enterprises
 - 1 Larry Vandermay, Flying Dutchman
 - 1 David Bartz & Neal Hueske, Schwabe Williamson & Wyatt, Attorney for Flying Dutchman
 - 1 Jerry Hodson, Miller Nash, Attorney for Harris Enterprises
 - 1 Lon Yandell, Kleinfelder, Consultant for Harris Enterprises
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 - 1 Gerry Koschel, PNG Environmental, Consultant for ChevronTexaco Products Company
 - 1 Brian Jacobson, Qwest Communications International, Inc.
 - 1 David Bledsoe, Perkins Coie LLP, Attorney for Qwest Communications International, Inc.
 - 1 Donna LaCombe, Tetra Tech EM, Inc., Consultant for Qwest Communications International
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WELL DEVELOPMENT RECORD

Remedial Investigation/Feasibility Study Astoria Area-Wide Petroleum Site Astoria, Oregon

Well #	Date	Time Start	Time Finish	Method	Water Removed (gal)	Well Volumes	pH	Temp (C)	Cond (umhos/cm)	Comments
MW-1	9/12/2002	1539	1551	Swab/SubPump	22	15	6.84	15.7	310	turbid
							6.69	15.1		clearing
							6.81	15.1	330	clearing
							6.85	14.9	330	mostly clear
MW-2	9/12/2002	1224	1238	Swab/SubPump	20	13	6.53	16.8	130	turbid at start
							6.18	15.7	120	clearing
							6.18	15.5	120	clear
MW-3	9/13/2002	1134	1147	Bail/Swab/SubPump	20	15.5	7.84	16.1	200	turbid, product
							7.48	15.5	180	clearing
							7.36	15.4	190	clearing
MW-4	9/13/2002	1039	1054	Bail/Swab/SubPump	25	14	7.56	17.4	360	product, clearing
							7.41	15.2	320	clearing
							7.00	15.3	300	clearing
MW-6	9/12/2002	1040	1114	Swab/SubPump	25	15	7.02	18.2	400	seeds, slight sheen
							6.17	16.5	110	
							6.28	17.1	130	clearing
							6.20	16.8	130	clear
MW-7	9/12/2002	1147	1202	Swab/SubPump	20	12	6.66	15.4	150	some seeds
							6.27	15.2	150	clearing
							6.31	15.2	150	clear
MW-8	9/12/2002	1638	1652	Bail/Swab/SubPump	20	13.5	6.93	16.5	520	turbid at start
							6.57	16.0	470	clearing with sheen
							6.53	15.9	460	clearing with sheen
MW-9	9/13/2002	1257	1310	Bail/Swab/SubPump	20	13	7.69	17.0	220	turbid, product
							7.17	16.1	210	clear
							7.32	15.9	210	clear
MW-10	9/12/2002	1310	1330	Swab/SubPump	15	13	6.49	16.0	200	slightly turbid
							6.61	15.7	190	clearing
							6.49	15.5	190	clear
MW-11	9/12/2002	1405	1417	Swab/SubPump	17	14	6.74	15.2	140	black water
							6.60	14.9	140	clearing
							6.73	14.7	140	clear