



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

4601 N Monroe Street • Spokane, Washington 99205-1295 • (509)329-3400

February 25, 2013

Mr. Aaron Galer
Northwest Pipeline GP - Williams
295 Chipeta Way #1
Salt Lake City, UT 84108

Re: No Further Action at the following Site:

- **Site Name:** Northwest Pipeline Mead
- **Site Address:** 9180 Market Street, WA
- **Facility/Site No.:** 680
- **VCP Project No.:** EA0234

Dear Mr. Galer:

The Washington State Department of Ecology (Ecology) received your request for an opinion on your independent cleanup of the Northwest Pipeline Mead facility (Site). This letter provides our opinion. We are providing this opinion under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW.

Issue Presented and Opinion

Is further remedial action necessary to clean up contamination at the Site?

NO. Ecology has determined no further remedial action is necessary to clean up contamination at the Site.

This opinion is based on an analysis of whether the remedial action meets the substantive requirements of MTCA, Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC (collectively “substantive requirements of MTCA”). The analysis is provided below.

Description of the Site

This opinion applies only to the Site described below. The Site is defined by the nature and extent of contamination associated with the following release:

- Mercury and arsenic into the Soil.

Enclosure A includes a detailed description and diagram of the Site, as currently known to Ecology.



Please note a parcel of real property can be affected by multiple sites. At this time, we have no information that the parcel(s) associated with this Site are affected by other sites.

Basis for the Opinion

This opinion is based on the information contained in the following document:

Site Assessment and Remedial Action Report, Spokane Mead Meter Station: Portnoy Environmental, Inc., October 2012.

This document is kept in the Central Files of the Eastern Regional Office of Ecology (ERO) for review by appointment only. You can make an appointment by calling Kari Johnson at 509/329-3415.

This opinion is void if any of the information contained in those documents is materially false or misleading.

Analysis of the Cleanup

Ecology has concluded that **no further remedial action** is necessary to clean up contamination at the Site. That conclusion is based on the following analysis:

1. Characterization of the Site.

Ecology has determined your characterization of the Site is sufficient to establish cleanup standards and select a cleanup action. The Site is described above and in **Enclosure A**.

The lateral and vertical extent of mercury and arsenic in soil was defined in the report listed above.

2. Establishment of cleanup standards.

Ecology has determined the cleanup levels and points of compliance you established for the Site meet the substantive requirements of MTCA.

For soil, the cleanup levels were established using MTCA Method A and are based on protection of groundwater. The land use is classified as unrestricted. The cleanup levels are as follows:

- Mercury (inorganic): 2 mg/kg
- Arsenic: 20 mg/kg

The point of compliance for soil is throughout the soils at the Site. This is the standard point of compliance.

3. Selection of cleanup action.

Ecology has determined the cleanup action you selected for the Site meets the substantive requirements of MTCA.

The selected cleanup includes the following:

SOIL

- Excavation and removal of contaminated soil.

4. Cleanup.

Ecology has determined the cleanup you performed meets the cleanup standards established for the Site.

Site assessments identified the extent of soil contamination. Contaminated soil was excavated and transported off-site for disposal.

Listing of the Site

Based on this opinion, Ecology will initiate the process of removing the Site from our lists of hazardous waste sites, including:

- Hazardous Sites List.
- Confirmed and Suspected Contaminated Sites List.

That process includes public notice and opportunity to comment. Based on the comments received, Ecology will either remove the Site from the applicable lists or withdraw this opinion.

Limitations of the Opinion

1. Opinion does not settle liability with the state.

Liable persons are strictly liable, jointly and severally, for all remedial action costs and for all natural resource damages resulting from the release or releases of hazardous substances at the Site. This opinion **does not**:

- Resolve or alter a person's liability to the state.
- Protect liable persons from contribution claims by third parties.

To settle liability with the state and obtain protection from contribution claims, a person must enter into a consent decree with Ecology under RCW 70.105D.040(4).

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2. Opinion does not constitute a determination of substantial equivalence.

To recover remedial action costs from other liable persons under MTCA, one must demonstrate that the action is the substantial equivalent of an Ecology-conducted or Ecology-supervised action. This opinion does not determine whether the action you performed is substantially equivalent. Courts make that determination. *See* RCW 70.105D.080 and WAC 173-340-545.

3. State is immune from liability.

The state, Ecology, and its officers and employees are immune from all liability, and no cause of action of any nature may arise from any act or omission in providing this opinion. *See* RCW 70.105D.030(1)(i).

Termination of Agreement

Thank you for cleaning up the Site under the Voluntary Cleanup Program (VCP). This opinion terminates the VCP Agreement governing this project (#EA0234).

For more information about the VCP and the cleanup process, please visit our web site: www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm. If you have any questions about this opinion or the termination of the Agreement, please contact me by phone at 509/329-3522 or e-mail at patti.carter@ecy.wa.gov.

Sincerely,



Patti Carter
ERO Toxics Cleanup Program

PC:eh

Enclosure: Description and Diagram of the Site

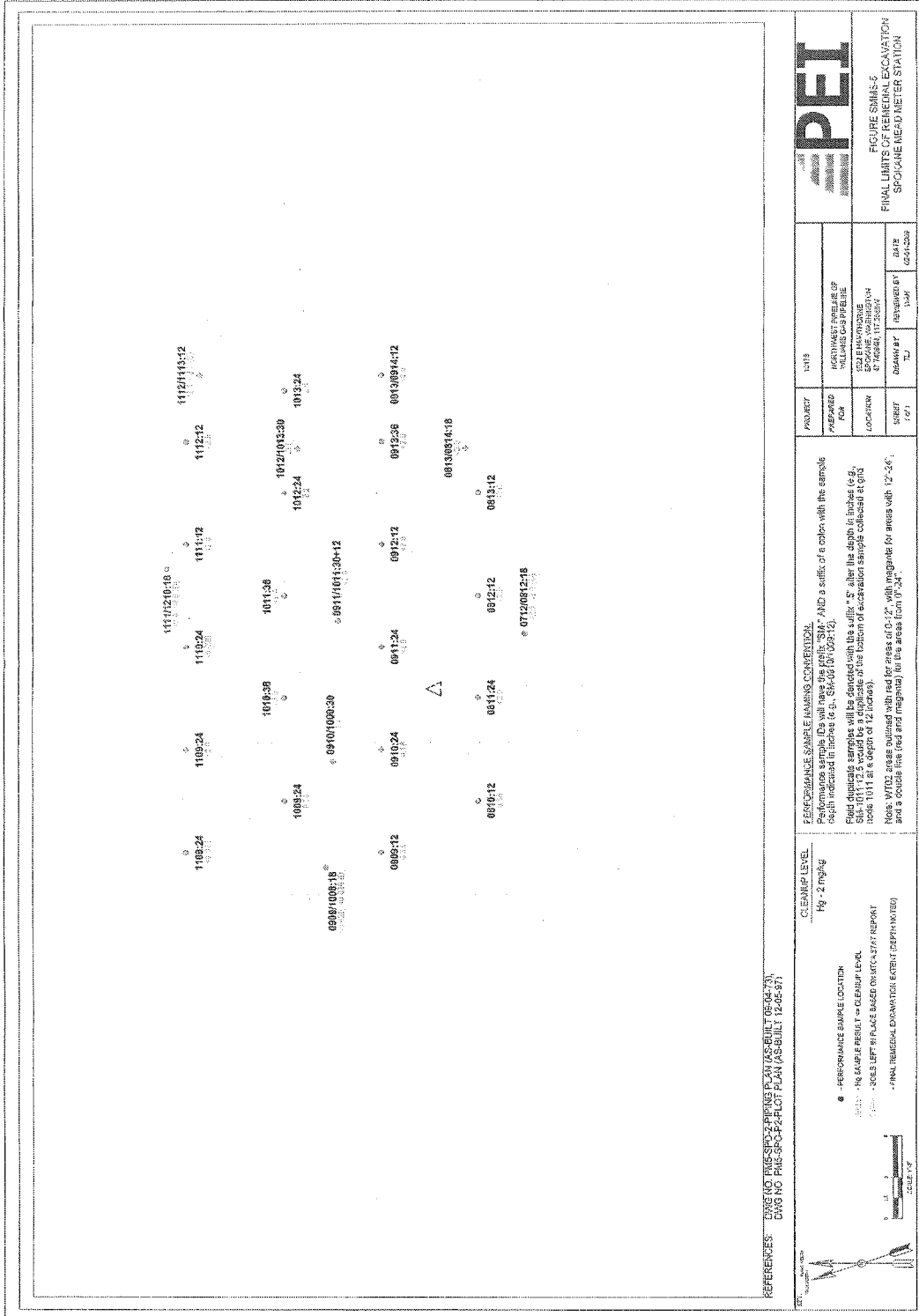
cc: Alan Hopkins, PEI
Dolores Mitchell, VCP Financial Manager (without enclosures)

Site Description

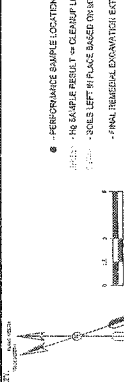
- Mercury impacted soils were identified during a site assessment in 1990. Five drums of gravel and soil were removed from under and around the former meter stand.
- Additional site assessment activities were conducted in 2008. The extent of mercury and arsenic impacted soil was identified.
- Contaminated soil was excavated in 2011 and removed from the Site. A total of 107.21 tons of non-hazardous soil was transported to the Waste Management's Graham Road landfill in Spokane for disposal. One bag of hazardous soil was transported to Chemical Waste Management's landfill in Arlington, Oregon for eventual disposal at Waste Management's retort facility in Wisconsin.
- Confirmation samples indicated that all contaminated soil had been removed from the Site.

(PEI, October 2012)

Site Diagram



REFERENCES: EUSST (US TOXIC SUBSTANCE ENFORCEMENT SYSTEM) REPORT (EUSST-78-004)
 DWG NO. PUG-SPEC-2-PLANT PLAN (AS-BUILT 12-05-87)



CLEANUP LEVEL
 Fig. 2. (page 2)

PERFORMANCE SAMPLE (MANSION CORRIDOR)
 Performance sample IDs will have the suffix "SM" AND a suffix of a cation with the sample depth indicated in inches (e.g., SM-02 (5") (02:12)).
 Field duplicate samples will be denoted with the suffix "S" after the depth in inches (e.g., SM-1011 (12") S would be a duplicate of the bottom of excavation sample collected at 910 inch 1011 (12") depth of 12 inches).
 Rows W102 areas outlined with red for areas of 0'-2", with magnitude for areas with 12'-24" and a double line (red and magenta) for the areas from 0'-24".

PROPERTY PREPARED FOR LOCATION SHEET NO. 1078
 PROJECT: ACORNWAST PIPES OF
 VALUAS GAS PIPELINE
 (22 E HAWTHORNE
 ST. WHEELING, W. VA.
 26061, 177-2530)
 DRAWN BY: [redacted]
 DATE: 07-24-2008

PEI
 PROFESSIONAL ENGINEERING
 INCORPORATED
 1000 MARKET STREET, SUITE 100
 PITTSBURGH, PA 15222
 TEL: 412-261-1000
 FAX: 412-261-1001
 WWW.PEIPROF.COM

FIGURE SMMS-2
 FINAL LIMITS OF REMEDIAL EXCAVATION
 SPOICANE HEAD METER STATION