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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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June 1, 2015

Mr. Erik Larsen
Antea Group
4006 148th Avenue NE
Redmond, WA 98052

Re: No Further Action at the following Site:

- **Site Name:** BP Service Station 03158/Conoco Phillips (Ranked: 3)
- **Site Address:** 501 Trosper Road SW, Tumwater, WA 98512
- **Facility/Site No.:** 69587682
- **Cleanup Site ID No.:** 7115
- **VCP Project No.:** SW1142

Dear Mr. Larsen:

The Washington State Department of Ecology (Ecology) received your request for an opinion on your independent cleanup of the BP Service Station 03158/Conoco Phillips 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 that 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:

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- Petroleum constituents in Soil and Groundwater

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 documents:

1. No Further Action Request, Former Pacific Convenience and Fuels Site #2705577, Tumwater, WA, dated January 21, 2015 by Antea USA, Inc. (Antea).
2. Well Installation Report, Former Pacific Convenience and Fuels Site #2705577, 501 Trospen Road SW, Tumwater, WA, dated January 20, 2015 by Antea.
3. Annual Groundwater Monitoring Report Year of 2014, Former Pacific Convenience and Fuels Site #2705577, 501 Trospen Road SW, Tumwater, WA, dated January 20, 2015 by Antea.

These documents are kept in the Central Files of the Southwest Regional Office of Ecology (SWRO) for review by appointment only. You can make an appointment by calling the SWRO resource contact at (360) 407-6365.

This opinion is void if any of the information contained in these 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 below.

The Site is a former Circle-K convenience store and retail fueling station located at 501 Trospen Road SW, Olympia, Thurston County, Washington. The station has operated under various retail gasoline company brands including Exxon, British Petroleum, Tosco, Conoco Phillips, Pacific Convenience and Fuels, and most recently a Fred Meyer

gasoline station. Surrounding land use is primarily designated commercial. The Site location is shown on Figure 1 included in the Enclosures.

Delta Environmental (Delta) performed subsurface investigations in October 1991 and again in January 1992. Soil and groundwater samples were collected and tested for petroleum constituents. Soil in the area of the former underground storage tank (UST) nest exceeded the MTCA Method A Cleanup Levels. In addition, groundwater near the former UST nest and downgradient of the current UST nest exceeded the MTCA Method A Cleanup Levels. Free phase product was also found in MW-2 and MW-8 near the former UST nest.

Delta conducted additional subsurface investigations in 1995, including installation of additional groundwater monitoring wells and nested air sparging wells.

AGRA Earth and Environmental (AGRA) oversaw the removal of a waste oil UST, a heating oil UST, three hoists, two dispenser islands, and an oil/water separator from the property in April 1995. All confirmation soil samples collected were reported to be below the laboratory method detection limits, with the exception of samples collected from the oil/water separator. This area was not able to be excavated completely due to the possible effects on the station building.

In October 1996, Delta advanced three borings at the Site to investigate cleanup progress.

In February 2003, a leak beneath the northeast product dispenser was reported. SECOR International, Inc. (SECOR) investigated this leak in April 2004. SECOR removed an unspecified volume of pea gravel from the leak area, and collected confirmation soil samples from the area. SECOR also advanced three borings immediately surrounding the leak area (including one angle boring to collect soil samples from directly below the release area). Analytical results from the samples did not show any analytes above the MTCA Method A Cleanup Levels.

In September 2010, Delta advanced additional borings and installed an additional monitoring well. Soil samples were collected and tested for petroleum constituents. None of the tested constituents were detected above method detection limits. Historical analytical results are presented in Table 1 included in the Enclosures.

Ecology issued an opinion letter on April 19, 2011 outlining the need for additional soil and groundwater investigation in specific areas across the Site, including near the former oil/water separator and near wells MW-2 and MW-8. A detailed discussion of the proposed remedial strategy of natural attenuation was also requested.

Antea directed the drilling of 18 borings at the Site in May and June 2012 in response to Ecology's comments. None of the soil samples collected during the boring program exceeded their respective MTCA Method A Cleanup Levels for the tested constituents. These results are summarized on Figure 3 included in the Enclosures.

The station building and gasoline dispensing operations were shut down and removed in November 2012. Following the demolition and removal of the facility structures, Antea directed excavation activities in areas where potential subsurface soil impacts were remaining. Two areas were excavated, one near MW-6 where groundwater exceeds the applicable MTCA Method A Cleanup Levels and one near the former oil/water separator where impacted soil was left in place due to the presence of the building. Soil samples were collected from the base and sidewalls of each excavation and from the stockpiled soils. None of the soil samples collected exceeded their respective MTCA Method A Cleanup Levels for the tested constituents. The stockpiled soils were returned to the excavations. Analytical results from the excavation activities are presented in Figure 5 included in the Attachments. An oxygen release compound was added to the excavation near MW-6 to promote degradation of the petroleum hydrocarbons noted in groundwater in that area.

Antea returned to the Site in January 2014 to install additional groundwater monitoring wells (MW-14, MW-15, and MW-16). Soil and groundwater samples were collected from each of the boring locations and submitted to the laboratory for analysis. None of the tested constituents were detected above their respective method detection limits in any of the samples. Groundwater samples from these wells in addition to MW-10 were collected for four quarters. None of the tested constituents were detected above their respective method detection limits in any sample for any of the four quarters. The results of these quarterly sampling rounds as well as all historic groundwater results from all wells on the Site, are shown on Table 2 included in the Enclosures.

Soils underlying the Site are comprised of tan sandy silt grading to a fine to medium sand with silt to the total depth explored of approximately 42 feet below ground surface (bgs).

Groundwater was encountered at approximately 25 feet bgs. The direction of groundwater flow beneath the Site is east to northeast with a gradient ranging from 0.006 to 0.011. Groundwater monitoring has been conducted at the Site since 1992. The groundwater contour map generated during the October 2014 sampling event is included as Figure 7 in the Enclosures.

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.

a. Cleanup levels.

MTCA Method A Cleanup Levels for unrestricted land use for soil and groundwater were used to characterize and determine compliance for the Site.

b. Points of compliance.

Standard points of compliance were used for the Site. The point of compliance for protection of groundwater was established in the soils throughout the Site. For soil cleanup levels based on human exposure via direct contact or other exposure pathways where contact with the soil is required to complete the pathway, the point of compliance was established in the soils throughout the Site from the ground surface to 15 feet bgs. In addition, the point of compliance for the groundwater was established throughout the Site from the uppermost level of the saturated zone extending vertically to the lowest most depth that could potentially be affected by the Site.

3. Selection of cleanup action.

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

Cleanup actions conducted at the Site to date have included installation and operation of an air sparge/soil vapor extraction system (AS/SVE) and limited soil excavation and disposal of impacted soils. Enhanced monitored natural attenuation has been implemented at the Site.

4. Cleanup.

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

An indeterminate quantity of soil was removed from underneath a leaking fuel dispenser and an AS/SVE system was operated between 1995 and 1998. Additional soil excavation and sampling has been conducted in two areas in November 2012 and confirmed that there are no remaining impacts greater than MTCA Method A Cleanup Levels in these

areas (MW-6 and near the oil/water separator). Confirmation soil samples collected from borings advanced near MW-2 and MW-8 did not exceed the MTCA Method A Cleanup Levels for the tested constituents. Replacement wells were installed and groundwater samples were collected from the all remaining wells on the Site. All the groundwater samples have been below method detection limits for four or more quarters.

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).

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.

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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 (#SW1142).

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 360-407-7263 or e-mail at tmid461@ecy.wa.gov.

Sincerely,



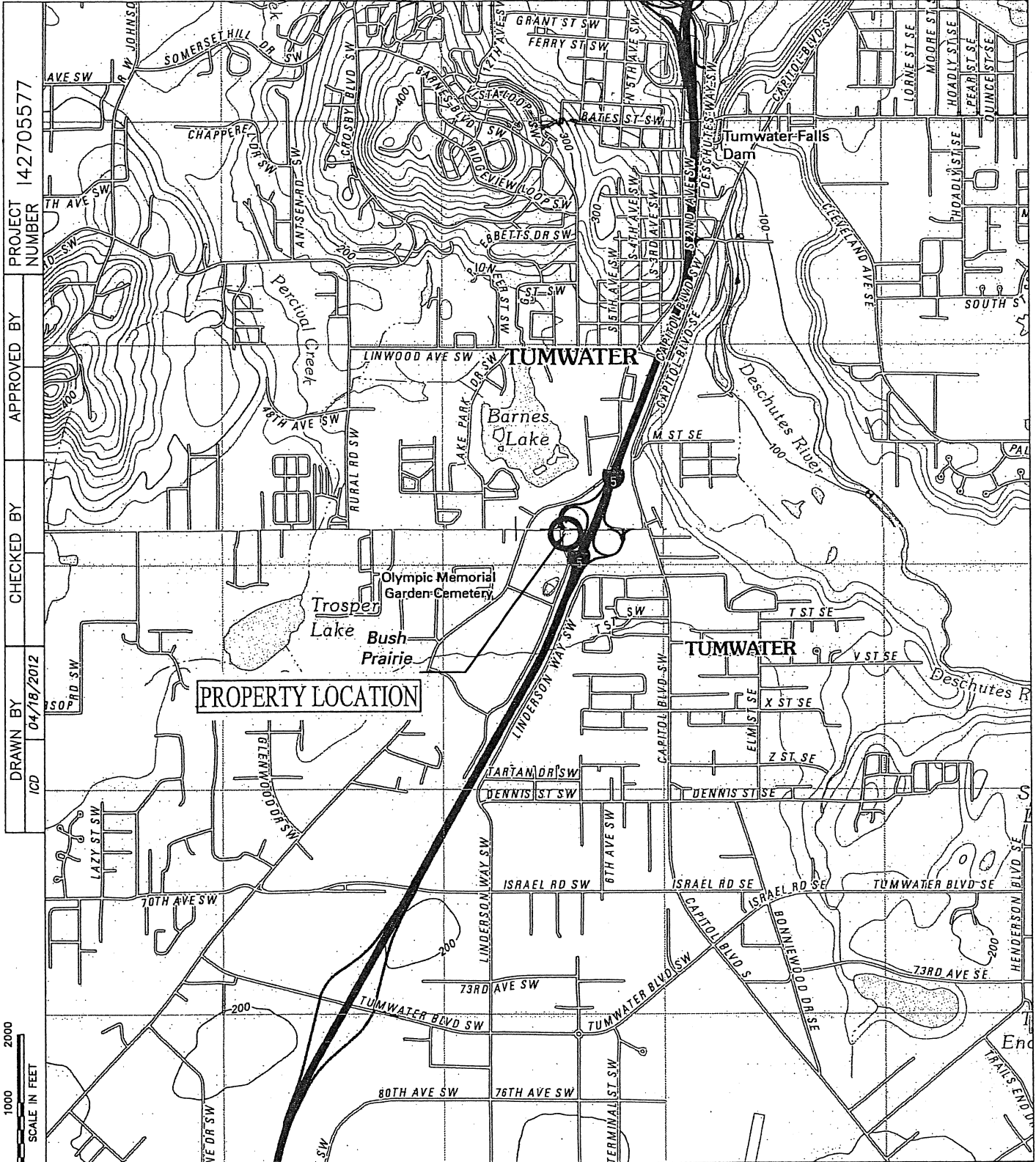
Thomas Middleton L.H.G.
SWRO Toxics Cleanup Program

TMM: knf

By certified mail: 9171999991703489835575

Enclosures: Figure 1 – Site Location Map
 Table 1 – Summary of Soil Sample Analytical Results
 Figure 3 – Soil Analytical Results Map (May to June 2012)
 Figure 5 – Excavation Soil Analytical Results Map (Dec 2012)
 Table 2 – Current and Historical Groundwater Analytical Results
 Figure 7 – Groundwater Elevation Contour Map (Oct 2014)

cc: Gerald Tousley - Thurston County Health Department
 Scott Rose – Ecology
 Carol Johnston - Ecology
 Dolores Mitchell – Ecology

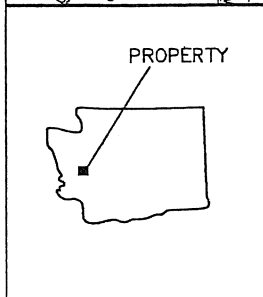
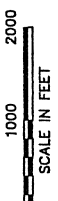


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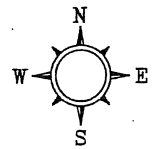
APPROVED BY

CHECKED BY

DRAWN BY
ICD
04/18/2012



LATITUDE 46D 59M 59S NORTH
LONGITUDE 122D 54M 49S WEST
U.S. GEOLOGICAL SURVEY - 2011
7.5 MINUTE QUADRANGLE MAP
TUMWATER, WASHINGTON



FORMER CONOCOPHILLIPS
FACILITY No. 2705577

FIGURE 1
PROPERTY LOCATION MAP

501 TROSPER ROAD SW
TUMWATER, WASHINGTON

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
Former Pacific Convenience and Fuels Facility No. 2705577
501 Trosper Road SW
Tumwater, Washington

Sample ID	Sample Date	Depth BGS (feet)	Analysis							
			Gasoline Range (mg/kg)	Diesel Range (mg/kg)	Heavy Range (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	Lead (mg/kg)
B-1R-6	07/06/12	6	<6.5	<17.9	<71.5	<0.0034	<0.0034	<0.0034	<0.0102	7.9
B-1R-10	07/06/12	10	<6.4	<17.2	<68.7	<0.0034	<0.0034	<0.0034	<0.0102	2.7
B-1R-15	07/06/12	15	<6.2	<16.8	<67.4	<0.0035	<0.0035	<0.0035	<0.0105	2.0
B-1R-20	07/06/12	20	<5.9	<16.6	<66.3	<0.0031	<0.0031	<0.0031	<0.0094	2.1
B-1R-25	07/06/12	25	<5.7	<17.4	<69.6	<0.0030	<0.0030	<0.0030	<0.0091	2.3
B-2R-6	07/06/12	6	<6.8	<18.1	<72.4	<0.0036	0.0077	<0.0036	0.0255	3.5
B-2R-10	07/06/12	10	<6.4	<17.0	<67.9	<0.0034	0.0041	<0.0034	0.0124	3.3
B-2R-15	07/06/12	15	<6.1	<16.8	<67.3	<0.0035	<0.0035	<0.0035	<0.0106	2.8
B-2R-20	07/06/12	20	<5.7	<16.9	<67.8	<0.0030	<0.0030	<0.0030	<0.0091	4.8
B-2R-25	07/06/12	25	<6.6	<18.8	<75.2	<0.0034	<0.0034	<0.0034	<0.0102	2.7
B-3R-6	07/06/12	6	<6.3	<18.3	<73.2	<0.0035	0.0124	0.0042	0.0443	4.2
B-3R-10	07/06/12	10	<6.8	<18.3	<73.1	<0.0034	0.0071	<0.0034	0.0292	3.6
B-3R-15	07/06/12	15	<6.2	<16.9	<67.4	<0.0034	<0.0034	<0.0034	<0.0102	2.8
B-3R-20	07/06/12	20	<5.8	<17.1	<68.4	<0.0031	<0.0031	<0.0031	<0.0094	4.0
B-3R-25	07/06/12	25	<5.3	<16.7	<66.7	<0.0029	<0.0029	<0.0029	<0.0086	3.2
B-4R-6	07/06/12	6	<6.0	<17.3	<69.1	<0.0029	<0.0029	<0.0029	<0.0087	4.2
B-4R-10	07/06/12	10	<7.7	<18.9	<75.8	<0.0039	<0.0039	<0.0039	<0.0116	5.2
B-4R-15	07/06/12	15	<5.9	<16.7	<66.7	<0.0032	<0.0032	<0.0032	<0.0097	2.4
B-4R-20	07/06/12	20	<6.4	<16.7	<66.9	<0.0034	<0.0034	<0.0034	<0.0101	2.3
B-4R-25	07/06/12	25	<6.7	<17.7	<70.8	<0.0034	<0.0034	<0.0034	<0.0101	3.2
B-5R-6	07/06/12	6	<6.0	22.2	162	<0.0032	<0.0032	<0.0032	<0.0095	23.3
B-5R-10	07/06/12	10	<6.3	18.1	238	<0.0034	<0.0034	<0.0034	0.0157	10.5
B-5R-15	07/06/12	15	<6.2	<16.7	<66.9	<0.0031	<0.0031	<0.0031	<0.0092	2.4

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
Former Pacific Convenience and Fuels Facility No. 2705577
501 Trosper Road SW
Tumwater, Washington

Sample ID	Sample Date	Depth BGS (feet)	Analysis							
			Gasoline Range (mg/kg)	Diesel Range (mg/kg)	Heavy Range (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	Lead (mg/kg)
B-5R-20	07/06/12	20	<5.9	<16.7	<66.9	<0.0032	<0.0032	<0.0032	<0.0097	1.9
B-5R-25	07/06/12	25	<5.8	<17.7	<70.9	<0.0030	<0.0030	<0.0030	<0.0091	2.2
B-6R-10	07/06/12	10	<5.5	81.5	810	<0.0031	0.0038	<0.0031	0.0127	15.7
B-6R-15	07/06/12	15	<6.3	<17.4	<69.5	<0.0034	<0.0034	<0.0034	<0.0103	3.0
B-6R-20	07/06/12	20	<5.8	<16.7	<66.9	<0.0033	<0.0033	<0.0033	<0.0099	2.2
B-6R-25	07/06/12	25	<7.3	<16.5	<65.9	<0.0034	<0.0034	<0.0034	<0.0102	2.2
B-7-6	05/24/12	6	<6.9	<18.2	<72.7	<0.0029	<0.0029	<0.0029	<0.0087	4.2
B-7-20	05/24/12	20	<7.1	<16.5	<66.0	<0.0033	<0.0033	<0.0033	<0.0098	2.1
B-7-25	05/24/12	25	<6.6	<16.9	<67.7	<0.0030	<0.0030	<0.0030	<0.0089	2.3
B-8-6	05/24/12	6	<7.1	<18.5	<74.1	<0.0033	<0.0033	<0.0033	<0.010	3.4
B-8-20	05/24/12	20	<6.2	<17.1	<68.2	<0.0031	<0.0031	<0.0031	<0.0093	2.2
B-8-25	05/24/12	25	<6.0	<17.2	<68.8	<0.0025	<0.0025	<0.0025	<0.0076	2.2
B-9-6	05/24/12	6	<7.1	<18.1	<72.6	<0.0034	<0.0034	<0.0034	<0.0101	2.6
B-9-20	05/24/12	20	<6.0	<16.7	<66.9	<0.0031	<0.0031	<0.0031	<0.0092	2.0
B-9-25	05/24/12	25	<5.4	<17.0	<68.1	<0.0027	<0.0027	<0.0027	<0.0082	1.8
B-10-6	05/24/12	6	<6.9	<17.9	<71.7	<0.0033	<0.0033	<0.0033	<0.0098	3.5
B-11-6	05/24/12	6	<6.8	<17.7	<70.9	<0.0032	<0.0032	<0.0032	<0.0096	2.9
B-11-20	05/24/12	20	7.1	<17.7	<70.8	<0.0026	<0.0026	<0.0026	<0.0077	3.1
B-11-25	05/24/12	25	<5.7	<16.5	<66.1	<0.0031	<0.0031	<0.0031	<0.0092	1.9
B-12-6	07/06/12	6	<6.4	<17.4	<69.7	<0.0032	<0.0032	<0.0032	<0.0096	4.9
B-12-10	07/06/12	10	<6.9	<17.5	<70.0	<0.0036	<0.0036	<0.0036	<0.0109	3.2
B-12-15	07/06/12	15	<7.3	<19.9	<79.5	<0.0033	<0.0033	<0.0033	<0.0098	4.5
B-12-20	07/06/12	20	<5.8	<16.7	<66.8	<0.0033	<0.0033	<0.0033	<0.0099	2.2
B-12-25	07/06/12	25	<7.0	<18.5	<74.2	<0.0034	<0.0034	<0.0034	<0.0102	2.0

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			Gasoline Range (mg/kg)	Diesel Range (mg/kg)	Heavy Range (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	Lead (mg/kg)
EXCAVATION SOIL SAMPLES										
EX-N-25	12/10/12	25	<6.2	<21.1	<84.5	<0.0045	<0.0045	<0.0045	<0.013	5.4
EX-NE-25	12/10/12	25	<7.2	<21.0	<83.8	<0.0051	<0.0051	<0.0051	<0.015	5.6
EX-NW-25	12/10/12	25	<6.1	<21.3	<85.1	<0.0043	<0.0043	<0.0043	<0.013	5.9
EX-E-25	12/10/12	25	<6.1	<21.6	<86.4	<0.0048	<0.0048	<0.0048	<0.014	5.1
EX-W-25	12/10/12	25	<6.2	<21.7	<86.9	<0.0051	<0.0051	<0.0051	<0.015	5.1
EX-SE-25	12/10/12	25	<6.0	<21.5	<86.0	<0.0046	<0.0046	<0.0046	<0.014	5.1
EX-SW-25	12/10/12	25	<6.2	<21.5	<85.9	<0.0047	<0.0047	<0.0047	<0.014	6.3
EX-S-25	12/10/12	25	<6.0	<21.3	<85.3	<0.0047	<0.0047	<0.0047	<0.014	5.4
EX-B1-25	12/10/12	25	<6.1	<21.9	<87.6	<0.0053	<0.0053	<0.0053	<0.016	5.1
EX-B2-25	12/10/12	25	<5.8	<21.2	<84.8	<0.0048	<0.0048	<0.0048	<0.014	5.2
EX-B3-25	12/10/12	25	<6.1	<21.4	<85.4	<0.0045	<0.0045	<0.0045	<0.014	5.3
OW-N-6	12/11/12	6	<6.2	<23.4	<93.6	<0.0050	<0.0050	<0.0050	<0.015	6.1
OW-E-6	12/11/12	6	<6.4	<23.2	<93.0	<0.0050	<0.0050	<0.0050	<0.015	6.9
OW-W-6	12/11/12	6	<6.3	<23.5	<94.1	<0.0054	<0.0054	<0.0054	<0.016	6.2
OW-S-6	12/11/12	6	<5.7	<22.9	<91.5	<0.0045	0.0055	<0.0045	<0.013	7.3
OW-B-6	12/11/12	6	<6.4	<23.5	<94.0	<0.0050	<0.0050	<0.0050	<0.015	5.9
STOCKPILE SOIL SAMPLES										
SP-1	12/10/12	NA	<6.1	<21.8	<87.0	<0.0046	<0.0046	<0.0046	<0.014	5.6
SP-2	12/10/12	NA	<5.5	<23.1	<92.6	<0.0046	<0.0046	<0.0046	<0.014	14.0
SP-3	12/10/12	NA	<6.1	<23.0	<91.9	<0.0046	<0.0046	<0.0046	<0.014	12.4
SP-4	12/10/12	NA	<6.2	<23.2	<92.8	<0.0047	<0.0047	<0.0047	<0.014	19.2
SP-5	12/11/12	NA	<6.2	<22.1	<88.2	<0.0044	<0.0044	<0.0044	<0.013	8.9
SP-6	12/11/12	NA	<5.7	<21.7	<87.0	<0.0044	<0.0044	<0.0044	<0.013	7.1
SP-7	12/11/12	NA	<6.1	<22.9	<91.7	<0.0050	<0.0050	<0.0050	<0.015	6.7
MTCA Method A Cleanup Levels:			100/30 ^a	2,000	2,000	0.03	7	6	9	250

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
Former Pacific Convenience and Fuels Facility No. 2705577
501 Trosper Road SW
Tumwater, Washington

Sample ID	Sample Date	Depth BGS (feet)	Analysis							
			Gasoline Range (mg/kg)	Diesel Range (mg/kg)	Heavy Range (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	Lead (mg/kg)

NOTES:

All concentrations are in mg/kg (ppm).

< = Less than the stated laboratory reporting limit.

NA = Not applicable

Gasoline range = Gasoline range hydrocarbons by Ecology Method NWTPH-Gx

Diesel and Heavy range hydrocarbons, respectively, by Ecology Method NWTPH-Dx with Acid Silica Gel Cleanup

Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8260

Total lead by EPA 6010

^a MTCA Method A Cleanup levels for TPH-g are 100 mg/kg when no Benzene is present

and 30 mg/kg when Benzene is present

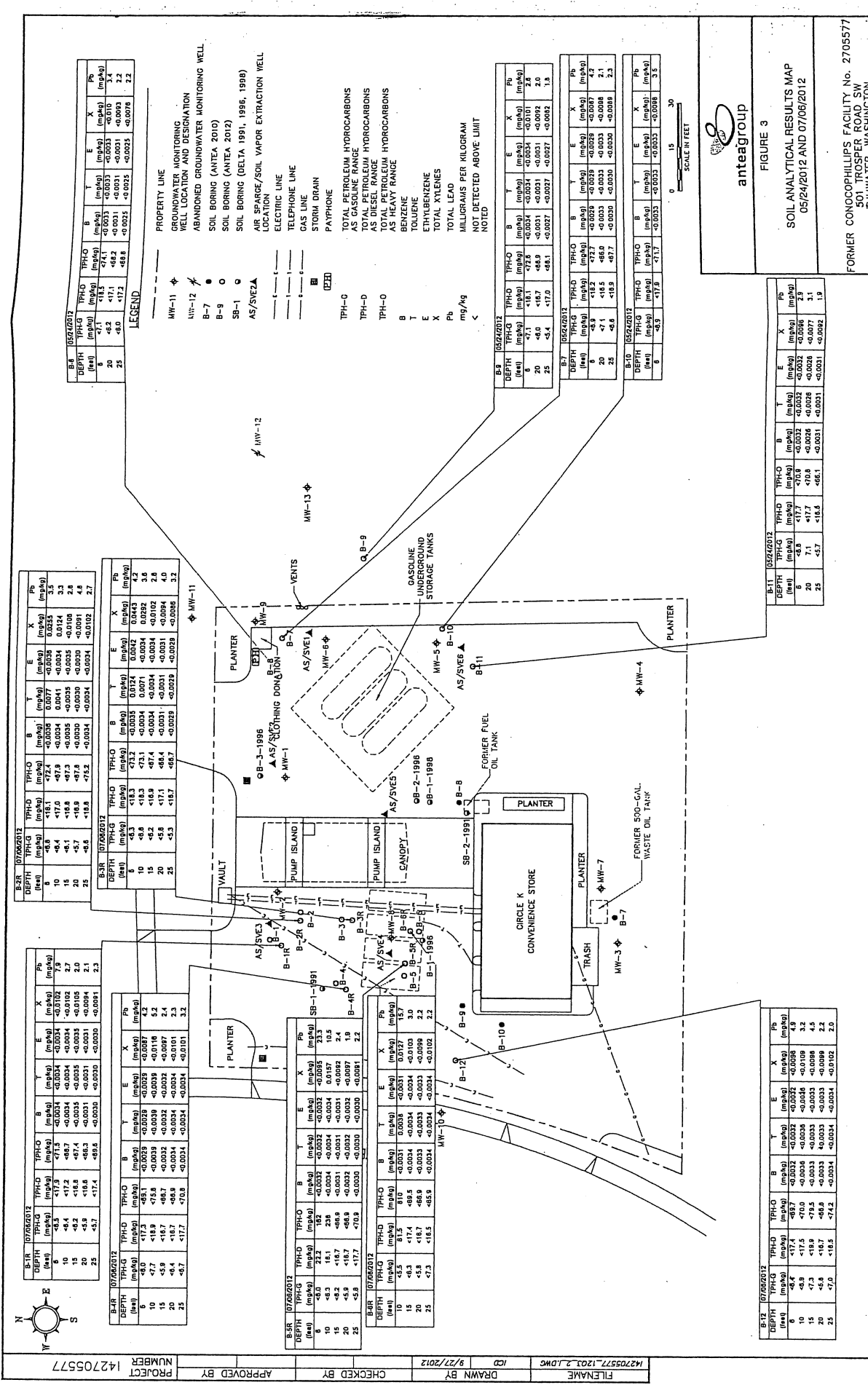


FIGURE 3
 SOIL ANALYTICAL RESULTS MAP
 05/24/2012 AND 07/06/2012
 FORMER CONOCOPHILLIPS FACILITY No. 2705577
 501 TROSPER ROAD SW
 TUKWATER, WASHINGTON



SCALE IN FEET
 0 15 30

TABLE 2
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
 PACIFIC CONVENIENCE AND FUELS 2705577
 501 TROSPER RD SW
 TUMWATER, WASHINGTON

Well I.D.	Date	GROUNDWATER GAUGING DATA					GROUND WATER ANALYTICAL DATA							
		TOC Elevation (ft)	Depth to LNAPL (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPH-D (C12-C24) (UG/L)	TPH-O (C24-C40) (UG/L)	TPH-G (C6-C12) (UG/L)	Benzene (UG/L)	Ethylbenzene (UG/L)	Toluene (UG/L)	Xylene (Total) (UG/L)	
Applied Action Level: 2007 MTCA Method A														
	4/14/2004	98.82	NP	23.67	NP	75.15	500	500	800	5	700	1000	1000	
	7/26/2006	98.82	NP	25.90	NP	72.92	--	--	ND	ND	ND	ND	ND	
	2/27/2007	98.82	NP	23.26	NP	75.56	--	--	<48	<0.5	<0.8	<0.7	<0.8	
	5/24/2007	98.82	NP	23.79	NP	75.03	--	--	<48	<0.5	<0.8	<0.7	<0.8	
	8/13/2007	98.82	NP	25.46	NP	73.36	--	--	<50	<0.5	<0.8	<0.7	<0.8	
	11/28/2007	98.82	NP	26.62	NP	72.20	--	--	<50	<0.5	<0.8	<0.7	<0.8	
	2/11/2008	98.82	NP	23.82	NP	75.00	--	--	<50	<0.5	<0.8	<0.7	<0.8	
MW-1	10/22/2009	98.82	NP	27.85	NP	70.97	<75	<380	<50	<0.5	<0.8	<0.7	<0.8	
	2/11/2010	98.82	NP	25.63	NP	73.19	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	1/19/2011	98.82	NP	24.00	NP	74.82	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	9/12/2011	98.82	NP	25.18	NP	73.64	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	12/29/2011	98.82	NP	25.31	NP	73.51	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	2/27/2012	98.82	NP	23.71	NP	75.11	<77	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	4/11/2012	98.82	NP	22.68	NP	76.14	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	07/02/12	98.82	NP	23.80	NP	75.02	<800	<160	<50.0	<1.0	<1.0	<1.0	<3.0	
	7/26/2006	98.51	NP	24.95	NP	73.56	--	--	<48	<0.5	<0.8	<0.7	<0.8	
	2/27/2007	98.51	NP	22.34	NP	76.17	--	--	<48	<0.5	<0.8	<0.7	<0.8	
	5/24/2007	98.51	NP	22.86	NP	75.65	--	--	<50	<0.5	<0.8	<0.7	<0.8	
	8/13/2007	98.51	NP	24.54	NP	73.97	--	--	<50	<0.5	<0.8	<0.7	<0.8	
	11/28/2007	98.51	NP	25.48	NP	73.03	--	--	<50	<0.5	<0.8	<0.7	<0.8	
	2/11/2008	98.51	NP	22.90	NP	75.61	--	--	<50	<0.5	<0.8	<0.7	<0.8	
MW-2	10/22/2009	98.51	NP	26.89	NP	71.62	1100	4400	<50	<1.0	<1.0	<1.0	<3.0	
	2/11/2010	98.51	NP	24.68	NP	73.83	250	1700	<50.0	<1.0	<1.0	<1.0	<3.0	
	1/19/2011	98.51	NP	23.10	NP	75.41	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	9/1/2011	98.51	NP	24.28	NP	74.23	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	12/29/2011	98.51	NP	24.41	NP	74.10	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	2/27/2012	98.51	NP	22.76	NP	75.75	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	4/11/2012	98.51	NP	21.75	NP	76.76	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	07/02/12	98.51	NP	22.89	NP	75.62	<800	<160	<50.0	<1.0	<1.0	<1.0	<3.0	

TABLE 2
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
 PACIFIC CONVENIENCE AND FUELS 2706577
 501 TROSPER RD SW
 TUMWATER, WASHINGTON

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUND WATER ANALYTICAL DATA							
		TOC Elevation (ft)	Depth to LNAPL (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPH-D (C12-C24) (UG/L)	TPH-O (C24-C40) (UG/L)	TPH-G (C6-C12) (UG/L)	Benzene (UG/L)	Ethylbenzene (UG/L)	Toluene (UG/L)	Xylene (Total) (UG/L)
Applied Action Level: 2007 MTCA Method A													1000
MW-3	7/26/2006	98.49	NP	24.71	NP	73.78	500	500	800	5	700	1000	1000
	2/27/2007	98.49	NP	22.12	NP	76.37	-	-	<48	<0.5	<0.8	<0.7	<0.8
	5/24/2007	98.49	NP	22.83	NP	75.66	-	-	<48	<0.5	<0.8	<0.7	<0.8
	8/13/2007	98.49	NP	24.30	NP	74.19	-	-	<50	<0.5	<0.8	<0.7	<0.8
	11/28/2007	98.49	NP	25.48	NP	73.01	-	-	<50	<0.5	<0.8	<0.7	<0.8
	2/11/2008	98.49	NP	22.67	NP	75.82	-	-	<50	<0.5	<0.8	<0.7	<0.8
	10/22/2009	98.49	NP	26.71	NP	71.78	<75	<380	<50	<1.0	<1.0	<1.0	<3.0
	2/11/2010	98.49	NP	25.70	NP	72.79	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0
	1/19/2011	98.49	NP	22.89	NP	75.60	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0
	9/1/2011	98.49	NP	24.05	NP	74.44	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0
	12/29/2011	98.49	NP	24.67	NP	73.82	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0
	2/27/2012	98.49	NP	22.56	NP	75.93	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0
	4/11/2012	98.49	NP	21.53	NP	76.96	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0
	07/02/12	98.41	NP	22.09	NP	76.32	<800	<160	<50.0	<1.0	<1.0	<1.0	<3.0
7/26/2006	97.85	NP	25.02	NP	72.83	-	-	<48	<0.5	<0.8	<0.7	<0.8	
2/27/2007	97.85	NP	22.37	NP	75.48	-	-	<48	<0.5	<0.8	<0.7	<0.8	
5/24/2007	97.85	NP	22.85	NP	75.00	-	-	<50	<0.5	<0.8	<0.7	<0.8	
8/13/2007	97.85	NP	24.55	NP	73.30	-	-	<50	<0.5	<0.8	<0.7	<0.8	
11/28/2007	97.85	NP	25.77	NP	72.08	-	-	<50	<0.5	<0.8	<0.7	<0.8	
2/11/2008	97.85	NP	22.91	NP	74.94	-	-	<50	<0.5	<0.8	<0.7	<0.8	
10/22/2009	97.85	NP	27.01	NP	70.84	<75	<380	<50	<1.0	<1.0	<1.0	<3.0	
2/11/2010	97.85	NP	24.45	NP	73.40	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
9/1/2011	97.85	NP	24.28	NP	73.57	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
12/29/2011	97.85	NP	24.34	NP	73.51	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
2/27/2012	97.85	NP	22.80	NP	75.05	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
4/11/2012	97.85	NP	21.75	NP	76.10	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
07/02/12	97.85	NP	22.89	NP	74.96	<800	<160	<50.0	<1.0	<1.0	<1.0	<3.0	

TABLE 2
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
 PACIFIC CONVENIENCE AND FUELS 2705577
 501 TROSPER RD SW
 TUMWATER, WASHINGTON

Well I.D.	Date	GROUNDWATER GAUGING DATA					GROUND WATER ANALYTICAL DATA							
		TOC Elevation (ft)	Depth to LNAPL (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPH-D (C12-C24) (UG/L)	TPH-O (C24-C40) (UG/L)	TPH-G (C6-C12) (UG/L)	Benzene (UG/L)	Ethylbenzene (UG/L)	Toluene (UG/L)	Xylene (Total) (UG/L)	
Applied Action Level: 2007 MTCA Method A	7/26/2006	99.51	NP	27.10	NP	72.41	500	500	800	5	700	1000	1000	
	2/27/2007	99.51	NP	24.36	NP	75.15	--	--	51	<0.5	<0.8	<0.7	<0.8	
	5/24/2007	99.51	NP	24.85	NP	74.66	--	--	<48	<0.5	<0.8	<0.7	<0.8	
	8/13/2007	99.51	NP	26.55	NP	72.96	--	--	<50	<0.5	<0.8	<0.7	<0.8	
	11/28/2007	99.51	NP	27.76	NP	71.75	--	--	<50	<0.5	<0.8	<0.7	<0.8	
	2/11/2008	99.51	NP	24.92	NP	74.59	--	--	<50	<0.5	<0.8	<0.7	<0.8	
	10/22/2009	99.51	NP	28.96	NP	70.55	150	<380	142	<1.0	<1.0	<1.0	<3.0	
	2/11/2010	99.51	NP	26.50	NP	73.01	<75	<380	110	<1.0	<1.0	<1.0	<3.0	
	1/19/2011	99.51	NP	25.10	NP	74.41	<76	<380	51.6	<1.0	<1.0	<1.0	<3.0	
	9/1/2011	99.51	NP	26.28	NP	73.23	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	12/29/2011	99.51	NP	26.51	NP	73.00	<76	<380	<50.0	<1.30	<1.0	<1.0	<3.0	
	2/27/2012	99.51	NP	24.81	NP	74.70	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
4/11/2012	99.51	NP	23.71	NP	75.80	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0		
07/02/12	99.51	NP	24.89	NP	74.62	<800	<160	<50.0	<1.0	<1.0	<1.0	<3.0		
7/26/2006	99.53	NP	27.30	NP	72.23	--	--	800	<0.5	<0.8	<0.7	<0.8		
2/27/2007	99.53	NP	24.65	NP	74.88	--	--	<48	<0.5	<0.8	<0.7	<0.8		
5/24/2007	99.53	NP	25.14	NP	74.39	--	--	460	<0.5	<0.8	<0.7	<0.8		
8/13/2007	99.53	NP	26.85	NP	72.68	--	--	1000	<0.5	<0.8	<0.7	<0.8		
11/28/2007	99.53	NP	28.04	NP	71.49	--	--	2200	<0.5	<0.8	<0.7	<0.8		
2/11/2008	99.53	NP	25.21	NP	74.32	--	--	1100	<0.5	<0.8	<0.7	<0.8		
10/22/2009	99.53	NP	29.24	NP	70.29	220	<380	1190	<1.0	<1.0	<1.0	<3.0		
2/11/2010	99.53	NP	27.00	NP	72.53	210	<380	2090	<1.0	<1.0	<1.0	<3.0		
1/19/2011	99.53	WO	WO	WO	WO	WO	WO	WO	WO	WO	WO	WO		
2/9/2011	99.53	NP	25.32	NP	74.21	110	<380	1060	<1.0	<1.0	<1.0	<3.0		
9/1/2011	99.53	NP	26.53	NP	73.00	100	<380	588	<1.0	<1.0	<1.0	<3.0		
12/29/2011	99.53	NP	26.69	NP	72.84	94	<380	2010	<1.0	<1.0	<1.0	<3.0		
2/27/2012	99.53	NP	25.10	NP	74.43	87	<380	1300	<1.0	<1.0	<1.0	<3.0		
4/11/2012	99.53	NP	24.00	NP	75.53	100	<380	634	<1.0	<1.0	<1.0	<3.0		
07/02/12	99.53	NP	25.12	NP	74.41	<800	<160	303	<1.0	<1.0	<1.0	<3.0		

TABLE 2
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
 PACIFIC CONVENIENCE AND FUELS 2705577
 501 TROSPER RD SW
 TUMWATER, WASHINGTON

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUND WATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to LNAPL (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPH-D (C12-C24) (UG/L)	TPH-O (C24-C40) (UG/L)	TPH-G (C6-C12) (UG/L)	Benzene (UG/L)	Ethylbenzene (UG/L)	Toluene (UG/L)	Xylene (Total) (UG/L)						
MW-7	Applied Action Level: 2007 MTCA Method A																		
	7/26/2006	98.56	NP	25.67	NP	72.89	-	-	800	5	700	1000	1000	<0.8	<0.7	<0.8	<0.8	<0.8	
	2/27/2007	98.56	NP	23.05	NP	75.51	-	-	<48	<0.5	<0.8	<0.7	<0.7	<0.8	<0.7	<0.8	<0.8	<0.8	
	5/24/2007	98.56	NP	25.50	NP	73.06	-	-	<50	<0.5	<0.8	<0.7	<0.7	<0.8	<0.7	<0.8	<0.8	<0.8	
	8/13/2007	98.56	NP	25.17	NP	73.39	-	-	<50	<0.5	<0.8	<0.7	<0.7	<0.8	<0.7	<0.8	<0.8	<0.8	
	11/28/2007	98.56	NP	26.32	NP	72.24	-	-	<50	<0.5	<0.8	<0.7	<0.7	<0.8	<0.7	<0.8	<0.8	<0.8	<0.8
	2/11/2008	98.56	NP	23.52	NP	75.04	-	-	<50	<0.5	<0.8	<0.7	<0.7	<0.8	<0.7	<0.8	<0.8	<0.8	<0.8
	10/22/2009	98.56	NP	27.56	NP	71.00	<75	<380	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	2/11/2010	98.56	NP	25.42	NP	73.14	<75	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	1/19/2011	98.56	NP	23.70	NP	74.86	<76	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	9/1/2011	98.56	NP	24.87	NP	73.69	<75	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	12/29/2011	98.56	NG	NG	NG	NG	<76	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	2/27/2012	98.56	NP	23.39	NP	75.17	<76	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	4/11/2012	98.56	NP	22.34	NP	76.22	<76	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
07/02/12	98.56	NP	-	-	-	<800	<160	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0	
MW-8	7/26/2006	98.89	NP	24.82	NP	74.07	-	-	<48	<0.5	<0.8	<0.7	<0.7	<0.8	<0.7	<0.8	<0.8	<0.8	<0.8
	5/24/2007	98.89	NP	22.75	NP	76.14	-	-	<50	<0.5	<0.8	<0.7	<0.7	<0.8	<0.7	<0.8	<0.8	<0.8	<0.8
	8/13/2007	98.89	NP	24.40	NP	74.49	-	-	<50	<0.5	<0.8	<0.7	<0.7	<0.8	<0.7	<0.8	<0.8	<0.8	<0.8
	11/28/2007	98.89	NP	25.53	NP	73.36	-	-	<50	<0.5	<0.8	<0.7	<0.7	<0.8	<0.7	<0.8	<0.8	<0.8	<0.8
	2/11/2008	98.89	NP	22.77	NP	76.12	-	-	<50	<0.5	<0.8	<0.7	<0.7	<0.8	<0.7	<0.8	<0.8	<0.8	<0.8
	10/22/2009	98.89	NP	26.79	NP	72.10	260	510	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	2/11/2010	98.89	NP	24.53	NP	74.36	<75	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	1/19/2011	98.89	NP	23.00	NP	75.89	<76	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	9/1/2011	98.89	NP	24.16	NP	74.73	<75	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	12/29/2011	98.89	NP	24.36	NP	74.53	<76	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	2/27/2012	98.89	NP	22.63	NP	76.26	<76	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
	4/11/2012	98.89	NP	21.60	NP	77.29	<76	<380	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0
07/02/12	98.89	NP	21.79	NP	77.10	<800	<160	<50.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0	

TABLE 2
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
 PACIFIC CONVENIENCE AND FUELS 2705577
 501 TROSPER RD SW
 TUMWATER, WASHINGTON

Well I.D.	Date	GROUNDWATER GAUGING DATA					GROUND WATER ANALYTICAL DATA									
		TOC Elevation (ft)	Depth to LNAPL (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPH-D (C12-C24) (UG/L)	TPH-O (C24-C40) (UG/L)	TPH-G (C6-C12) (UG/L)	Benzene (UG/L)	Ethylbenzene (UG/L)	Toluene (UG/L)	Xylene (Total) (UG/L)			
Applied Action Level: 2007 MTCA Method A													5	700	1000	1000
	7/26/2006	100.14	NP	27.20	NP	72.94	-	-	800	<48	<0.5	<0.8	<0.7	<0.8		
	2/27/2007	100.14	NP	25.40	NP	74.74	-	-	150	2	<0.8	<0.7	<0.8			
	5/24/2007	100.14	NP	25.01	NP	75.13	-	-	<50	<0.5	<0.8	<0.7	<0.8			
	8/13/2007	100.14	NP	26.74	NP	73.40	-	-	<50	<0.5	<0.8	<0.7	<0.8			
	11/28/2007	100.14	NP	27.92	NP	72.22	-	-	<50	<0.5	<0.8	<0.7	<0.8			
	2/11/2008	100.14	NP	25.05	NP	75.09	-	-	<50	<0.5	<0.8	<0.7	<0.8			
	2/11/2010	100.14	WI	WI	WI	WI	-	-	-	-	-	-	-			
	1/19/2011	100.14	NP	26.21	NP	73.93	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0			
	9/1/2011	100.14	NP	26.45	NP	73.69	<75	<380	67.6	<1.0	<1.0	<1.0	<3.0			
	12/29/2011	100.14	NP	26.62	NP	73.52	-	-	-	-	-	-	-			
	2/27/2012	100.14	NP	24.98	NP	75.16	<77	<380	<50.0	<1.0	<1.0	<1.0	<3.0			
	4/11/2012	100.14	NP	10.17	NP	89.97	-	-	-	-	-	-	-			
	07/02/12	100.14	NP	25.03	NP	75.11	<800	<160	<50.0	<1.0	<1.0	<1.0	<3.0			
	4/4/1996	97.75	NP	19.62	NP	78.13	-	-	<50	<0.5	<0.5	<0.5	<1.0			
	7/3/1996	97.75	NP	19.87	NP	77.88	-	-	<50	<0.5	<0.5	<0.5	<1.0			
	10/2/1996	97.75	NP	22.61	NP	75.14	-	-	<50	<0.5	<0.5	<0.5	<1.0			
	2/19/1997	97.75	NP	20.38	NP	77.37	-	-	<50	<0.5	<0.5	<0.5	<1.0			
	10/22/2009	97.75	NP	24.71	NP	73.04	240	1100	<50	<1.0	<1.0	<1.0	<3.0			
	2/1/2010	97.75	NP	22.45	NP	75.30	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0			
	1/19/2011	97.75	NP	21.03	NP	76.72	260	<380	<50.0	<1.0	<1.0	<1.0	<3.0			
	9/1/2011	97.75	NP	22.10	NP	75.65	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0			
	12/29/2011	97.75	NP	24.25	NP	73.50	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0			
	2/27/2012	97.75	NP	20.55	NP	77.20	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0			
	4/11/2012	97.75	NP	10.04	NP	87.71	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0			
	07/02/12	97.75	NP	20.69	NP	77.06	<800	<160	<50.0	<1.0	<1.0	<1.0	<3.0			
	02/05/14	97.75	NP	23.02	NP	74.73	<130	<250	<50	<1.0	<1.0	<1.0	<3.0			
	05/09/14	97.75	NP	20.20	NP	77.55	<130	<250	<50	<1.0	<1.0	<1.0	<3.0			
	07/17/14	97.75	NP	21.72	NP	76.03	<130	<250	<50	<1.0	<1.0	<1.0	<3.0			
	10/28/14	97.75	NP	23.11	NP	74.64	<130	<250	<50	<1.0	<1.0	<1.0	<3.0			

TABLE 2
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
 PACIFIC CONVENIENCE AND FUELS 2706577
 501 TROSPER RD SW
 TUMWATER, WASHINGTON

Well I.D.	Date	GROUNDWATER GAUGING DATA					GROUND WATER ANALYTICAL DATA							
		TOC Elevation (ft)	Depth to LNAPL (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPH-D (C12-C24) (UG/L)	TPH-O (C24-C40) (UG/L)	TPH-G (C6-C12) (UG/L)	Benzene (UG/L)	Ethylbenzene (UG/L)	Toluene (UG/L)	Xylene (Total) (UG/L)	
Applied Action Level: 2007 MTC Method A							500	800	5	700	1000	1000		
MW-11	2/11/2010	100.73	WI	WI	WI	WI	-	-	-	-	-	-		
	1/19/2011	100.73	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
	9/1/2011	100.73	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
	12/29/2011	100.73	NG	NG	NG	NG	NL	NL	NL	NL	NL	NL		
	2/27/2012	100.73	NP	25.89	NP	74.84	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	4/11/2012	100.73	NP	10.22	NP	90.51	<78	<390	<50.0	<1.0	<1.0	<1.0	<3.0	
	07/02/12	100.73	NP	25.96	NP	74.77	<800	<50.0	<1.0	<1.0	<1.0	<1.0	<3.0	
MW-12	2/11/2010	99.1	WI	WI	WI	WI	-	-	-	-	-	-		
	1/19/2011	99.1	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
	9/1/2011	99.1	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD		
MW-13	1/19/2011	95.15	NP	22.15	NP	73.00	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	12/29/2011	95.15	NG	NG	NG	NG	<76	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	2/27/2012	95.15	NP	22.83	NP	72.32	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	4/11/2012	95.15	NP	10.26	NP	84.89	<75	<380	<50.0	<1.0	<1.0	<1.0	<3.0	
	07/02/12	95.15	NP	21.91	NP	73.24	<800	<50.0	<1.0	<1.0	<1.0	<1.0	<3.0	
MW-14	02/05/14	101.40	NP	29.50	NP	71.90	<130	<250	<1.0	<1.0	<1.0	<1.0	<3.0	
	05/09/14	101.40	NP	26.59	NP	74.81	<130	<250	<1.0	<1.0	<1.0	<1.0	<3.0	
	07/17/14	101.40	NP	28.00	NP	73.40	<130	<250	<1.0	<1.0	<1.0	<1.0	<3.0	
	10/28/14	101.40	NP	29.47	NP	71.93	<130	<250	<1.0	<1.0	<1.0	<1.0	<3.0	
MW-15	02/05/14	100.40	NP	27.80	NP	72.60	<130	<250	<1.0	<1.0	<1.0	<1.0	<3.0	
	05/09/14	100.40	NP	24.86	NP	75.54	<130	<250	<1.0	<1.0	<1.0	<1.0	<3.0	
	07/17/14	100.40	NP	26.31	NP	74.09	<130	<250	<1.0	<1.0	<1.0	<1.0	<3.0	
	10/28/14	100.40	NP	27.74	NP	72.66	<130	<250	<1.0	<1.0	<1.0	<1.0	<3.0	

TABLE 2
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
 PACIFIC CONVENIENCE AND FUELS 2705577
 501 TROSPER RD SW
 TUMWATER, WASHINGTON

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUND WATER ANALYTICAL DATA							
		TOC Elevation (ft)	Depth to LNAPL (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPH-D (C12-C24) (UG/L)	TPH-O (C24-C40) (UG/L)	TPH-G (C6-C12) (UG/L)	Benzene (UG/L)	Ethylbenzene (UG/L)	Toluene (UG/L)	Xylene (Total) (UG/L)
Applied Action Level: 2007 MTCA Method A							500	500	800	5	700	1000	1000
MW-16	02/05/14	101.27	NP	27.43	NP	73.84	<130	<250	<50	<1.0	<1.0	<1.0	<3.0
	05/09/14	101.27	NP	24.55	NP	76.72	<130	<250	<50	<1.0	<1.0	<1.0	<3.0
	07/17/14	101.27	NP	26.06	NP	75.21	<130	<250	<50	<1.0	<1.0	<1.0	<3.0
	10/28/14	101.27	NP	27.45	NP	73.82	<130	<250	<50	<1.0	<1.0	<1.0	<3.0

Notes:

TOC - Top of Casing

ft - Feet

NP - LNAPL not present

LNAPL - Light non-aqueous phase liquid

* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)

NG - Not gauged

NL - Well Not Located

WD - Well Destroyed

WI - Well Inaccessible

WO - Well Obstruction

-- No information available

Results in Bold exceed applicable MTCA Method A cleanup levels

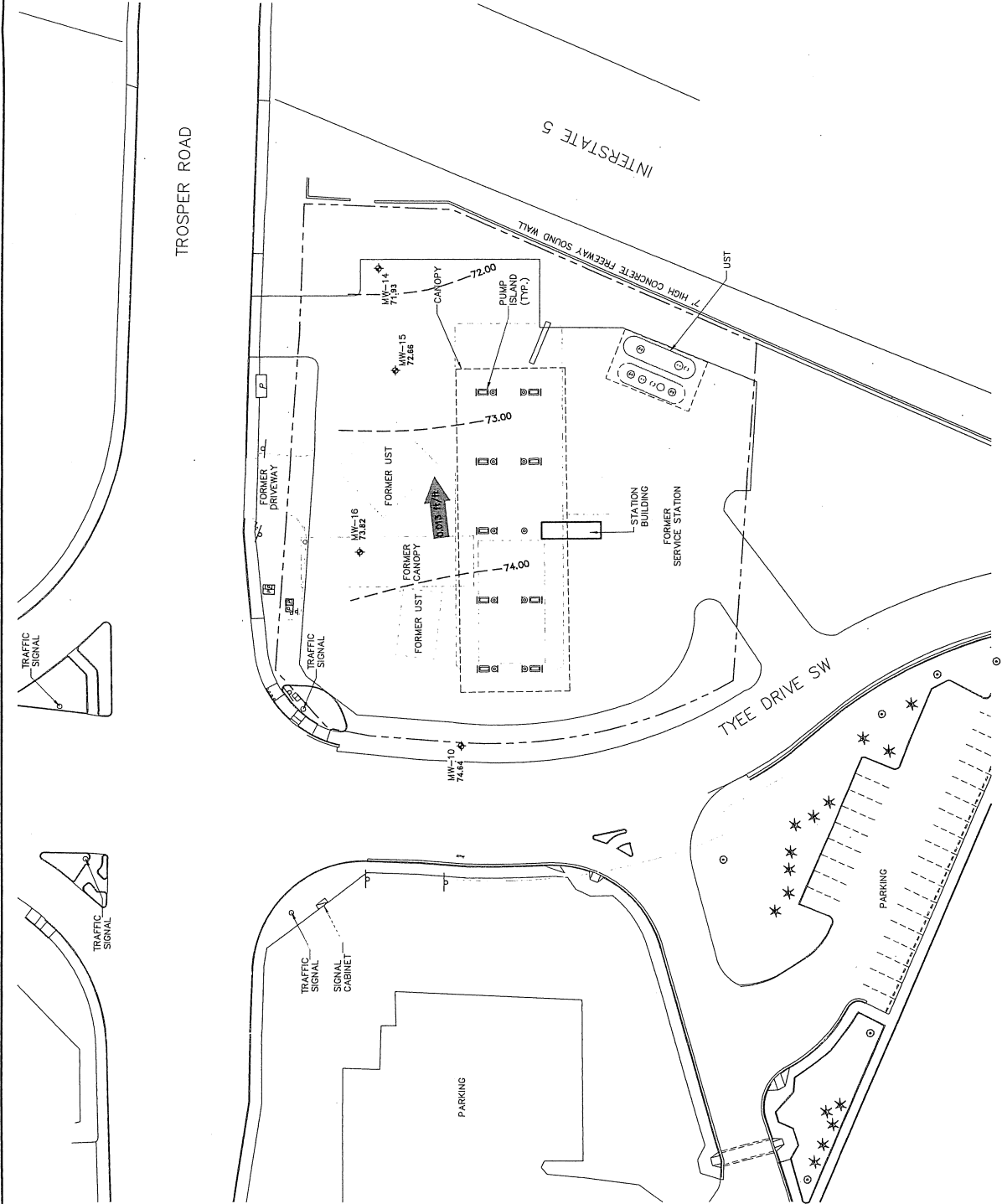
MTCA - Model Toxics Control Act

< - Not detected at or above indicated laboratory reporting limit

ND - Not detected, and detection limit is not known

UG/L - micrograms/liter

FILENAME	I42705577_1404.DWG
DRAWN BY	ICD 1/16/2015
CHECKED BY	
APPROVED BY	
PROJECT NUMBER	I42705577



LEGEND

PROPERTY LINE
GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION

MW-10

SIGN

71.93 GROUNDWATER ELEVATION (FEET)
72.00 GROUNDWATER ELEVATION CONTOUR LINE (FEET)
CONTOUR INTERVAL=1.00 FEET
APPROXIMATE GROUNDWATER GRADIENT DIRECTION (H/H)



anteagroup

FIGURE 7

GROUNDWATER ELEVATION CONTOUR MAP
10/28/2014

FORMER CONOCOPHILLIPS FACILITY No. 2705577
501 TROSPER ROAD SW
TUMWATER, WASHINGTON

