



December 14, 2017

Reference No. 11145928

Mr. Frank Winslow  
Washington State Department of Ecology  
1250 West Alder Street  
Union Gap, Washington 98903

**Re: Site Assessment Work Plan**  
**Former Unocal Bulk Plant 0853**  
**Phillips 66 Site 0979**  
**6 North 5<sup>th</sup> Street**  
**Wenatchee, Washington**  
**Facility Site ID: 346 / VCP Site ID: CE0466**

Dear Mr. Winslow:

GHD is submitting this *Site Assessment Work Plan* on behalf of Phillips 66 Company (P66) for the purpose of collecting the additional information necessary to complete the remedial investigation in accordance with Washington Administrative Code (WAC) 173-340—350 at 6 North 5<sup>th</sup> Street, Wenatchee, Chelan County, Washington (Property; Figure 1). Additionally, the scope of work detailed below addresses the data gaps identified in the Washington State Department of Ecology (Ecology) opinion letter dated October 27, 2015.

The Property is an active bulk fuel terminal and bounded to the west and north by business offices, to the east by railroad tracks, and to the south by a business park. Ecology's Model Toxics Control Act (MTCA) site (Site) is defined as all affected areas from the petroleum release associated with the Property and potentially adjacent parcels. Based on the historical investigation results, the Site boundary is present on Figure 2.

## 1. Objectives and Scope

The objectives and scope of this site assessment are as follows:

- Confirm the presence of previously identified soil impacts during the 1990 and 1991 investigation activities
- Evaluate soil for all appropriate compounds as outlined in WAC 173-340-900, Table 830-1, *Required Testing for Petroleum Releases*

- Delineate groundwater impacts northwest of monitoring well MW-15 to complete the definition of the MTCA Site boundary
- Collect the appropriate soil data to calculate site-specific MTCA Method B direct contact soil cleanup levels

Historical soil data are provided in Table 1, historical groundwater data are provided in Table 2. A historical soil investigation data map is provided as Figure 3. A groundwater contour and chemical concentration map for the most recent sampling event is provided as Figure 4. Current soil conditions are provided as Figure 5.

It should be noted that groundwater sampling conducted in upgradient and off-property wells MW-11 and MW-12 have had detectable concentrations of petroleum compounds above MTCA Method A cleanup levels during 3 of 24 and 1 of 23 sampling events, respectively. These appear to be outlier results that are likely due to surface runoff impacts from the right-of-way, and are not considered part of the release associated with the Site.

## 2. Pre-field Activities

GHD will complete the following pre-field activities:

- **Health and Safety Plan** – GHD will a Site-specific Health and Safety Plan (HASP) in accordance with federal regulations (Title 40, Code of Federal Regulations, Section 1910.120). The HASP will identify potential physical and chemical hazards associated with the proposed field activities and will outline safe work practices.
- **Underground Utility Clearance** - Prior to any Site work involving soil disturbance, Washington State One Call Utility Notification Service will be called to alert the utility companies in the area of the scheduled work and to request identification of all underground utilities in the vicinity of the disturbance area. A private utility locating contractor will be retained to mark private utilities and to verify the absence of all underground utilities near each of the proposed boring locations.

To further mitigate the chances of encountering a subsurface utility, each soil boring will be hand cleared to a depth of 5 feet below grade (fbg) using a hand auger, air knife, or other appropriate method.

## 3. Investigation Activities

### 3.1 Soil Assessment

Six soil borings will be advanced to further characterize soil impacts at the site. One boring will be completed as a monitoring well. The borings will be advanced by a Washington State licensed driller using a direct push drill rig. The boring where the monitoring well will be installed will be over-drilled with a hollow stem auger rig and completed as a monitoring well. The locations of the proposed borings are presented on Figure 6. The table below outlines sample location, sample depth, proposed well depths, purpose, and selected analysis per boring location.

**Table 3.1    Soil Boring Plan**

Proposed Boring	Anticipated Soil Samples Per Boring	Anticipated Total Depth / Well Details	Purpose	Soil Analysis
A	1 sample at 24 fbg	25 fbg	Confirm soil impacts identified during dry well excavation have degraded	TPHg, TPHd, BTEX, HVOCs, PAHs, Naphthalenes, PCBs, Additives
B	1 sample at 24 fbg	25 fbg	Confirm soil impacts identified during loading rack excavation have degraded	TPHg, TPHd, BTEX, Additives
C	1 sample at 15 fbg	16 fbg	Confirm soil impact identified during MW-1 installation has degraded	TPHg, TPHd, BTEX
D	1 sample at 3.5 fbg	4.5 fbg	Confirm soil impact identified during 1997 investigation has degraded	TPHg, TPHd, BTEX EPH/VPH, n-hexane if field screening indicate impacts
E	1 sample between 0 and 7 fbg based on field screening	8 fbg	Confirm impacts observed during 1990 investigation	TPHg, TPHd, BTEX, PAHs, Naphthalenes EPH/VPH, n-hexane if field screening indicate impacts
F	2 samples 1 in the vadose zone based on field screening	25-30 feet based on depth of	Delineate groundwater downgradient of MW-15	TPHg, TPHd, BTEX

	1 at the bedrock/overburden interface	consolidated bed-rock -Well screened from 20 feet to the bottom of the boring.		
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fbg = Feet Below Ground

TPHg = Gasoline range organics per Method Northwest Total Petroleum Hydrocarbon Identification (NWTPH) Gx

TPHd = Diesel range organics per Method Northwest Total Petroleum Hydrocarbon Identification (NWTPH) Dx

BTEX = Benzene, Toluene, Ethylbenzene and Xylenes per EPA Method 8260B

PAHs = Carcinogenic Polycyclic aromatic hydrocarbons per EPA Method 8270

PCBs = Polychlorinated Biphenyl per EPA Method 8082A

HVOCs = Halogenated Volatile Organic Carbons per EPA Method 8260B

Additives = Methyl T-Butyl Ether (MTBE), Dibromoethane (EDB), Dichloroethane (EDC), Total Lead per EPA Method 8260B and EPA Method 200.70 (lead)

EPH = Extractable Petroleum Hydrocarbons

VPH = Volatile Petroleum Hydrocarbons

### 3.2 Soil Sampling and Logging

The first 5 feet of all borings will be advanced using a 3.25-inch diameter hand auger or air knife and vac truck in order to further mitigate contact and damage to potential subsurface utility lines. The borings will then be advanced by dual tube direct push technology to the depths noted above. Soil samples will be collected using 2-inch diameter direct push rods with Macrocore® sampling liners. Once each boring has been advanced and samples collected, it will be backfilled with Portland Type II cement and finished to grade to match the surrounding surface. Boring MW-20 will be advanced with a hollow stem auger drill rig and completed as a monitoring well.

Soil will be continuously logged using the modified Unified Soil Classification System. Soil samples will be screened at approximate 5-foot intervals using a photo ionization detector (PID) and visual inspection. Soil samples will be collected in accordance with Table 3.1 above. Soil samples submitted for chemical analyses will be labeled, entered onto a chain of custody form, packed on ice, and sent to Pace Analytical Laboratories in Seattle, WA.

### 3.3 Monitoring Well Installation

Soil boring MW-20 will be completed as a monitoring well. The final depth will vary depending on the encountered depth of consolidated bedrock, which is estimated to be between 25 and 30 feet. The well will be screened in the perched water-bearing zone on top of the bedrock from approximately 20 fbg to the bottom of the boring. The well will be constructed with 2-inch Schedule 40, polyvinyl chloride (PVC), .010-inch slot screen, flush threaded with PVC blank well casing from the top of the screen to the top of the well. The well annulus will be backfilled with a 2/16 Monterey sand pack to a minimum of 1 foot above the top of the screen and sealed with a minimum of 1 foot of hydrated bentonite chips above the filter pack then filled with a mixture of neat Portland Type II cement with up to 5 percent bentonite powder. The surface of the well will be completed with a flush mount, traffic rated well box.

The well will be developed following installation by surging the well screen with a surge block for 5-10 minutes followed by pumping on the well with a monsoon-style down-hole pump. Grab samples will

be collected and analyzed for turbidity with a calibrated field turbidity meter after each well volume. Well development will be considered complete when turbidity is below 100 NTU or when the well has pumped dry.

The new well and existing site wells will be surveyed by a licensed surveyor to determine the horizontal coordinates and vertical elevation of the top of well casing.

### **3.4 Investigation Derived Waste (IDW)**

IDW will include decontamination fluids, soil from borings and purged well water. All IDW will be placed in properly labeled 55-gallon drums and stored on site pending analyses. All IDW will be disposed of according to P66 procedures and applicable regulatory requirements.

### **3.5 Groundwater Sampling**

To establish a down-gradient compliance point, the newly installed monitoring well will be incorporated into a quarterly monitoring program with the existing wells on site. Groundwater samples will be analyzed at a minimum for TPHg, TPHd, TPHo, and BTEX. Additional analyses will be evaluated for future sampling events.

## **4. Reporting and Scheduling**

Following completion of the above activities and receipt of laboratory analytical data, GHD will prepare a site investigation report that will include the following:

- A summary of soil boring and well installation activities
- Boring logs with well completion details
- Well survey results
- Tabulated analytical results for soil samples
- Laboratory analytical reports and chain of custody forms for soil samples
- Summary of waste disposal
- GHD's conclusions and recommendations

GHD will begin the proposed work upon receipt of Ecology approval of this work plan. GHD will submit a report of findings approximately 60 days following receipt of all final analytical data.

Please contact Matthew Davis at (253) 302-8281 if you have any questions or require additional information.

Sincerely,

GHD



Matthew Davis, LG



Brian Peters, LG

MD/cd/1

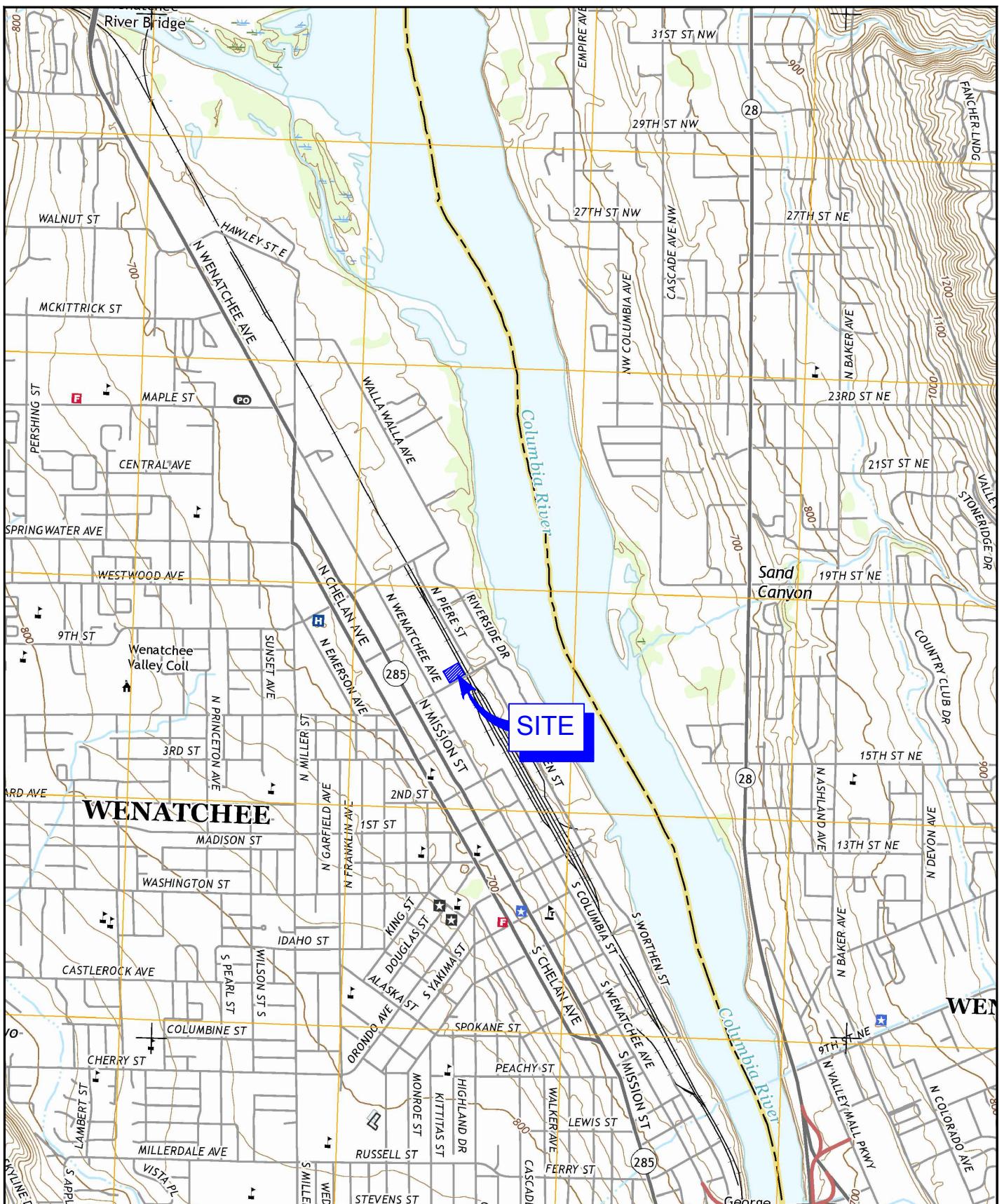
Encl.

Figure 1	Vicinity Map
Figure 2	Site Plan
Figure 3	Soil Investigation Data Map
Figure 4	Groundwater Contour and Chemical Concentration Map
Figure 5	Current Soil Conditions
Figure 6	Proposed additional Investigation

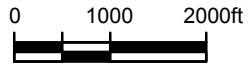
Table 1	Historical Soil Data
Table 2	Historical Groundwater Data

cc: Mr. Ed Ralston, Phillips 66 (electronic copy)

# Figures



Source: USGS QUADRANGLE MAP: WENATCHEE, WA. (2017).



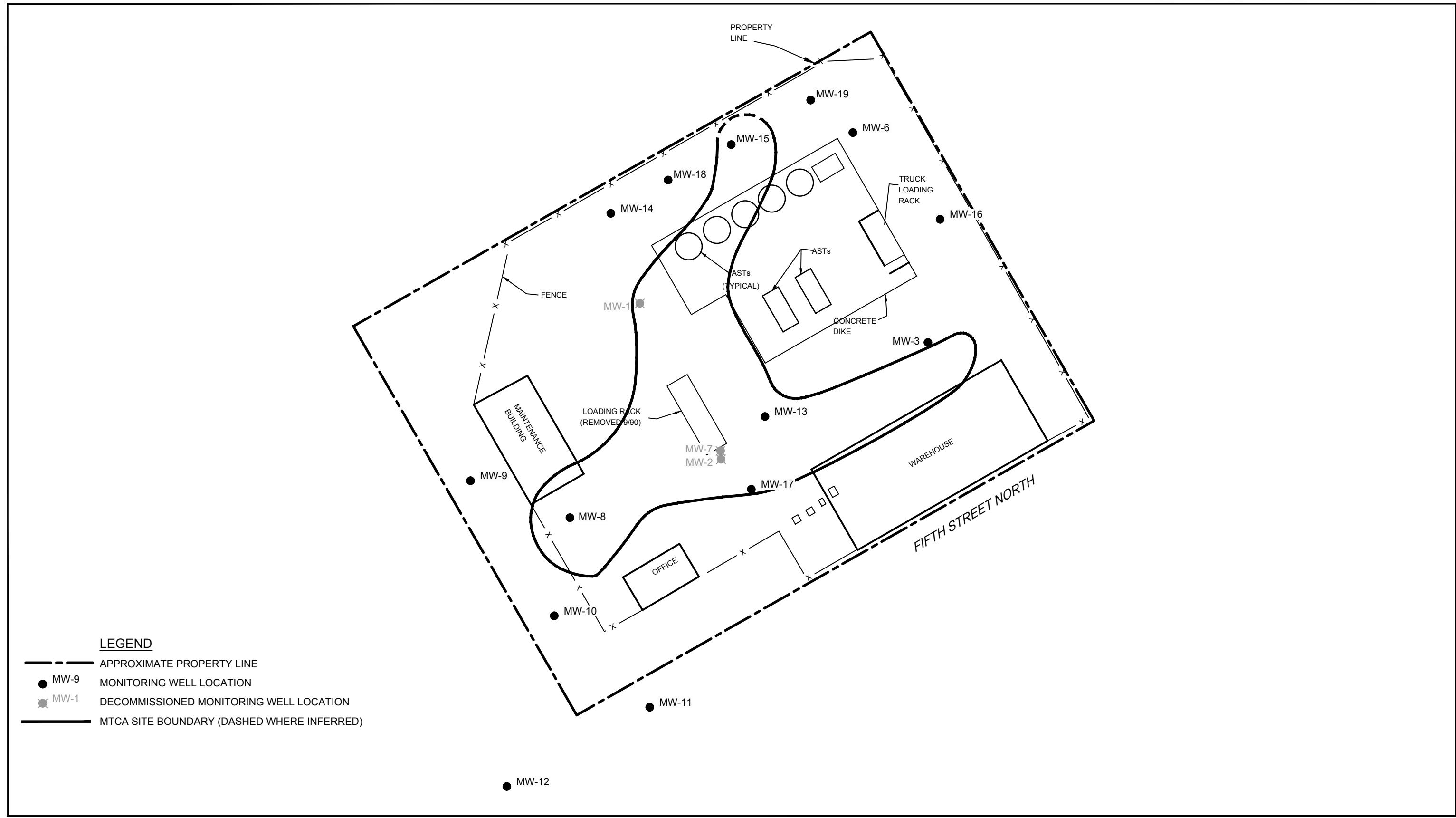
PHILLIPS 66  
6 N. 5TH STREET  
WENATCHEE, WASHINGTON

### SITE LOCATION MAP

11145928-RM00

Nov 30, 2017

FIGURE 1



Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.



Coordinate System:  
WASHINGTON NORTH  
STATE PLANE NAD83 FEET

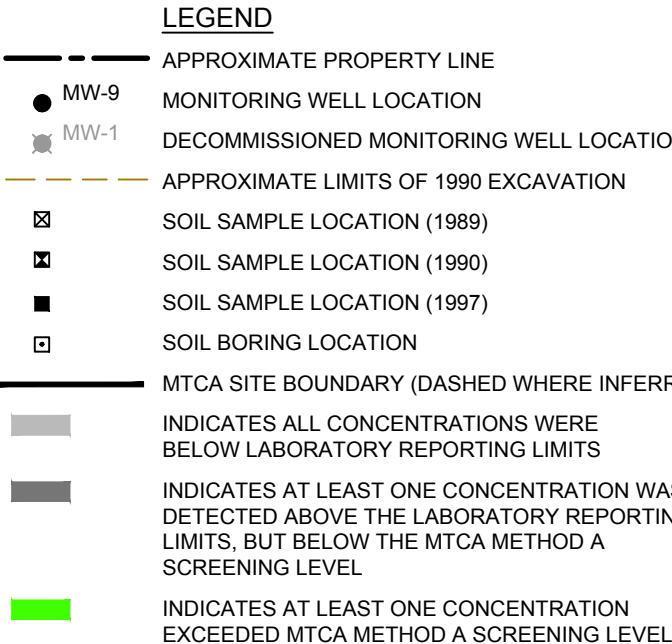


PHILLIPS 66  
6 N. 5TH STREET  
WENATCHEE, WASHINGTON

SITE PLAN

11145928-RM00  
Dec 7, 2017

FIGURE 2



Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.



Coordinate System:  
WASHINGTON NORTH  
STATE PLANE NAD83 FEET

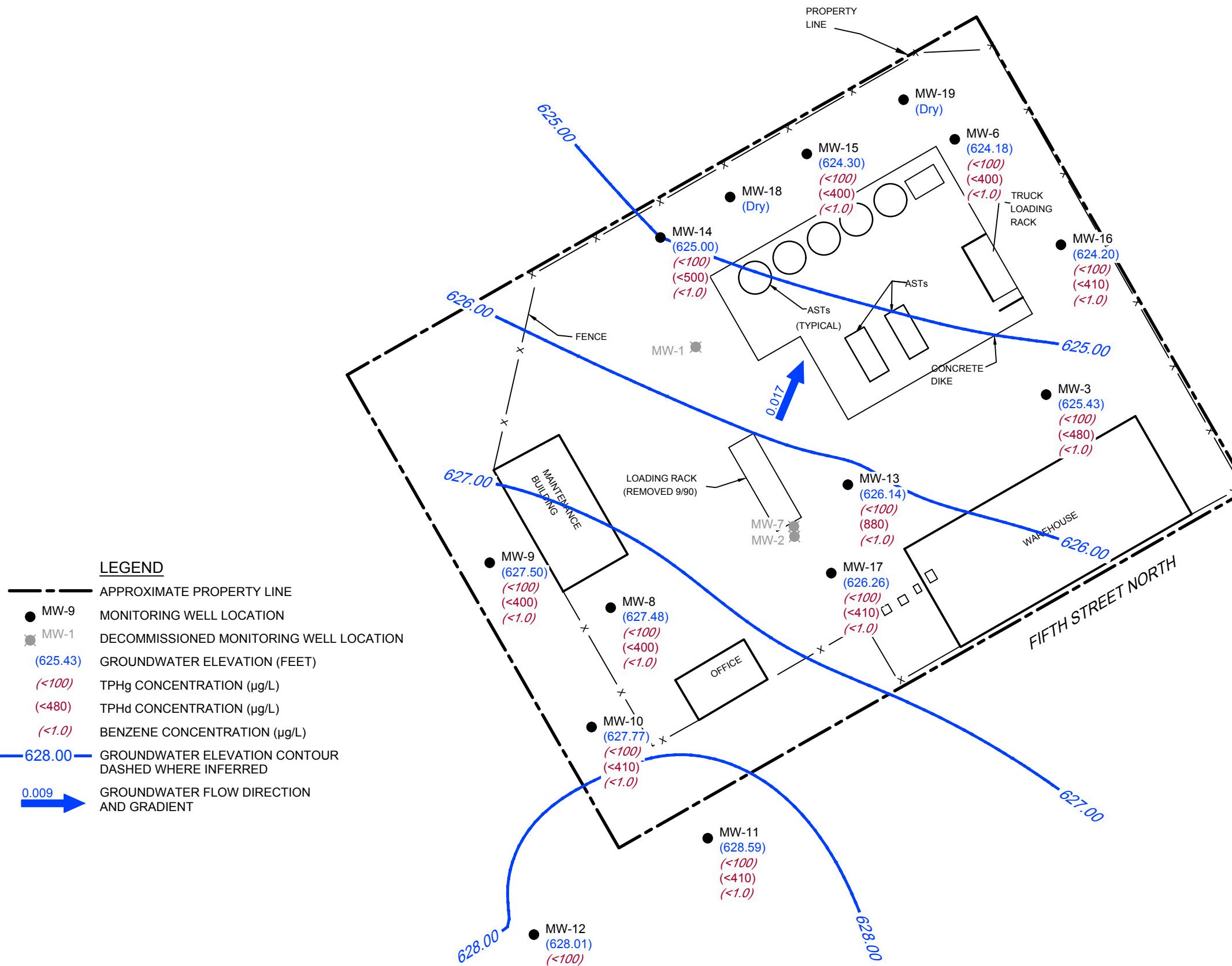


PHILLIPS 66  
6 N. 5TH STREET  
WENATCHEE, WASHINGTON

SOIL INVESTIGATION DATA MAP

11145928-RM00  
Dec 7, 2017

FIGURE 3



0 20 40ft

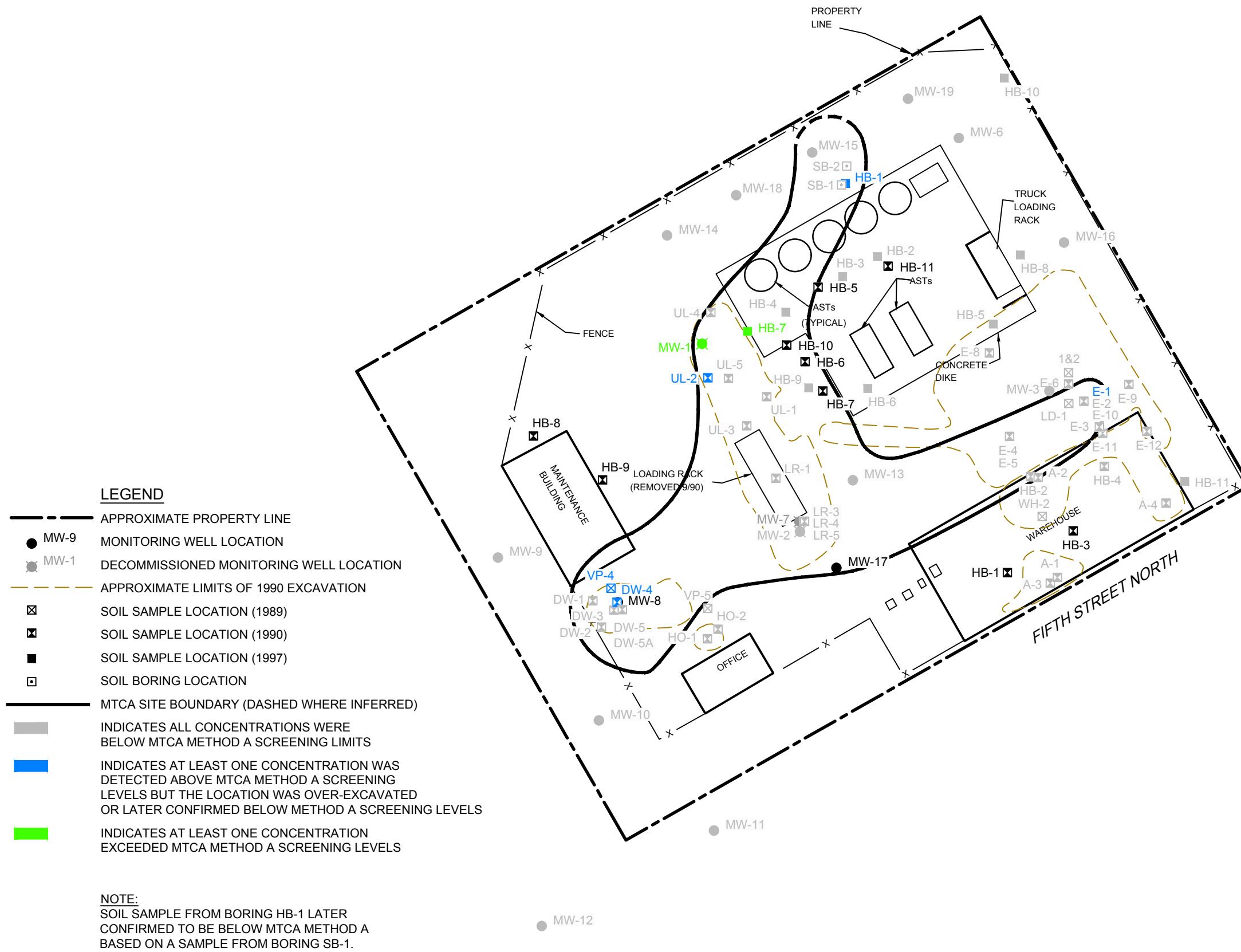
Coordinate System:  
WASHINGTON NORTH  
STATE PLANE NAD83 FEET



PHILLIPS 66  
6 N. 5TH STREET  
WENATCHEE, WASHINGTON  
GROUNDWATER CONTOUR AND  
CHEMICAL CONCENTRATION MAP - OCTOBER 12, 2017

11145928-RM00  
Dec 1, 2017

FIGURE 4



Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.



Coordinate System:  
WASHINGTON NORTH  
STATE PLANE NAD83 FEET

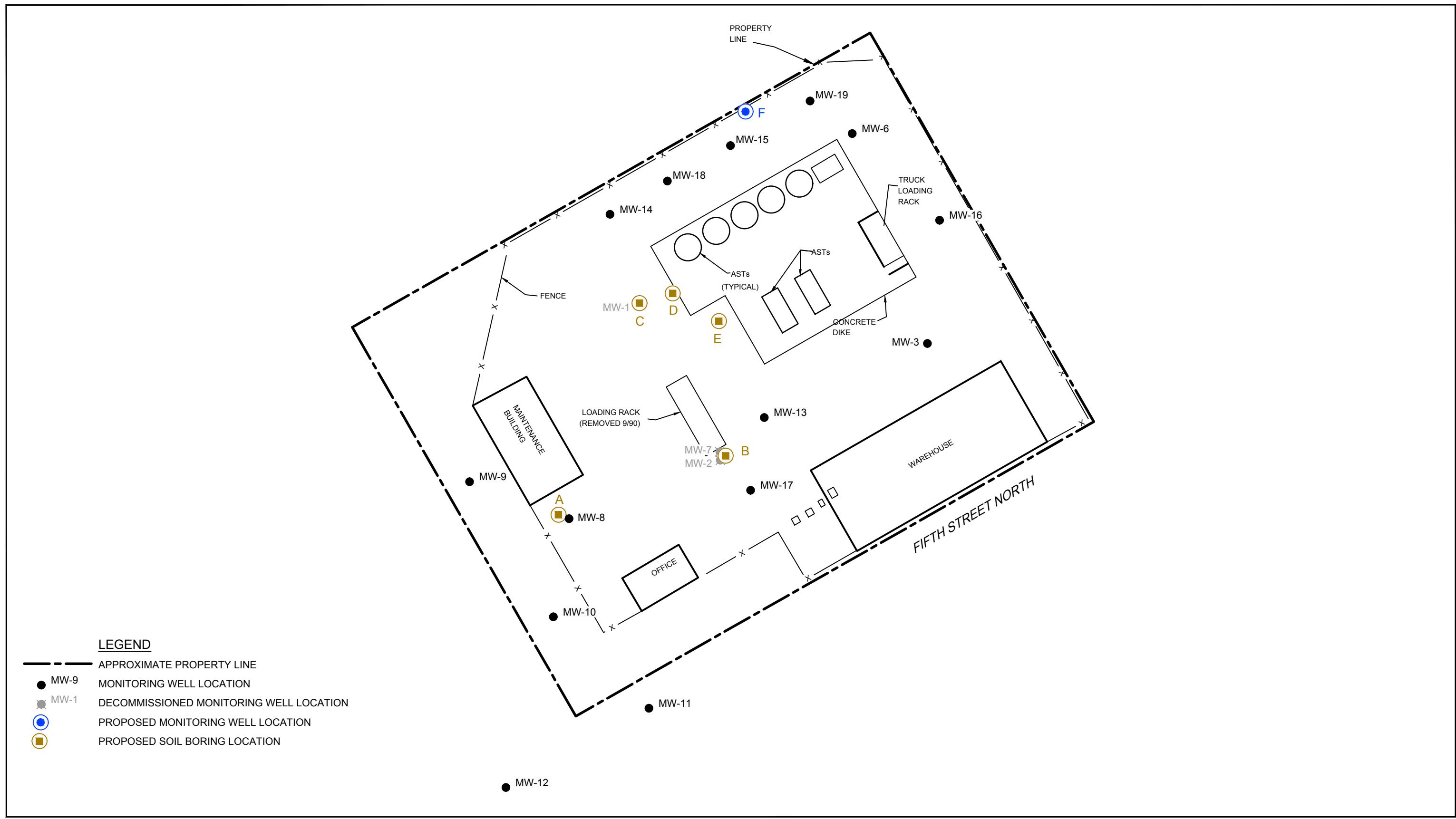


PHILLIPS 66  
6 N. 5TH STREET  
WENATCHEE, WASHINGTON

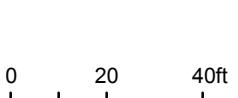
CURRENT SOIL CONDITIONS

11145928-RM00  
Dec 7, 2017

FIGURE 5



Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.



Coordinate System:  
WASHINGTON NORTH  
STATE PLANE NAD83 FEET



PHILLIPS 66  
6 N. 5TH STREET  
WENATCHEE, WASHINGTON

PROPOSED ADDITIONAL INVESTIGATION

11145928-RM00  
Dec 7, 2017

FIGURE 6

# Tables



Table 1

**Historical Soil Analytical Results  
76 Products Facility No. 351385  
6 North 5th Street  
Wenatchee, Washington**

Sample ID	Sample Location	Sample Depth	Date Sampled	TPH by 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	n-Hexane	Ethanol	Lead	PAHs	PCBs	HVOCs
MW-14	MW-14	24.5	04/01/91	13	<5	<5	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-15	MW-15	24.5	04/02/91	14	<5	<5	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-16	MW-16	24.5	04/02/91	6	<5	<5	—	—	—	—	—	—	—	—	—	—	—	—	—	
HB-1 <sup>3</sup>	HB-1	5	09/24/97	—	<b>502</b>	22.6	ND	ND	ND	ND	1.97	—	—	—	—	—	—	—	—	—
HB-2	HB-2	5	09/24/97	—	ND	37.8	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
HB-3	HB-3	5	09/24/97	—	ND	21.4	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
HB-4	HB-4	5	09/24/97	—	28.6	729	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
HB-5	HB-5	5	09/24/97	—	ND	11.6	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
HB-6	HB-6	3	09/24/97	—	ND	126	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
HB-7	HB-7	3.5	09/24/97	—	<b>86.6</b>	447	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
HB-8	HB-8	5	09/24/97	—	ND	143	39.2	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
HB-9	HB-9	4.5	09/24/97	—	ND	28.3	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
HB-10	HB-10	5	09/24/97	—	ND	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—	ND	—	—
HB-11	HB-11	5	09/24/97	—	ND	1,390	391	ND	ND	ND	ND	—	—	—	—	—	—	D <sup>1</sup>	ND	—
SB-1-5	SB-1-5	5	08/13/13	—	<1.4	<3.5	<12	0.0009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0006	<0.001	<0.11	6.9	—	—	—
SB-2-5	SB-2-5	5	08/13/13	—	<1.2	<3.4	<11	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.11	5.85	—	—	—
SB-3-5	SB-3-5	5	08/14/13	—	<1.3	<3.3	<11	0.0008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0006	<0.001	<0.11	3.68	—	—	—
MW-18-21	MW-18-21	21	08/14/13	—	<1.1	<3.4	97	0.0009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0006	<0.001	<0.11	4.96	—	—	—
MW-18-22	MW-18-22	22	08/14/13	—	<1.2	<3.1	<10	<0.0006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0006	<0.001	<0.11	3.11	—	—	—
MW-19-21	MW-19-21	21	08/14/13	—	<1.2	<3.4	<11	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.11	4.62	—	—	—
MW-19-26	MW-19-26	26	08/14/13	—	1.9	<3.3	<11	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0006	<0.001	<0.11	4.58	—	—	—

**Notes:**

Analytical results in bold indicate concentrations exceed MTCA Method A Cleanup Levels.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes

(D) = Duplicate

D = Detected

ft = Feet

mg/kg = Milligrams per kilogram

MTCA = Model Toxics Control Act

ND = Not detected above method reporting limit

HVOCs = Halogenated volatile organic compounds

TPH = Total petroleum hydrocarbons

TPH-D = TPH as diesel-range organics

TPH-G = TPH as gasoline-range organics

TPH-O = TPH as heavy oil-range organics

U = Unknown sample depth

USEPA = United States Environmental Protection Agency

&lt; = Analyte is not detected at or above the laboratory reporting limit. The laboratory reporting limit is listed.

USEPA Method

TPH-G analyzed by USEPA Method 8015 Modified or WTPH-G

TPH-D analyzed by USEPA Method 8015 Modified or WTPH-D extended.

TPH-O analyzed by WTPH-D extended.

PAHs analyzed by USEPA Method 8270.

PCBs analyzed by USEPA Method 8081.

HVOCs analyzed by USEPA Method 8010.

1 Acenaphthene = 0.0181 mg/kg; Anthracene = 0.0226 mg/kg; Fluorene = 0.0438 mg/kg; Phenanthrene = 0.0981 mg/kg; Pyrene = 0.0294 mg/kg.

2 Sheen testing was completed. HB-6 = heavy sheen; HB-7 and HB-8 = moderate sheen; HB-5 and HB-9 through HB-11 = no or slight sheen.

3 Soil Boring HB-1 was confirmed below MTCA Method A Screening Levels based on soil data from boring SB-1.

Shaded samples were either over-excavated or confirmed clean at a later date.

Table 2

**Groundwater Monitoring Data and Analytical Results**  
**76 Products Facility No. 351385**  
**6 North 5th Street**  
**Wenatchee, Washington**

Well ID	Sample Date	TOC	Depth to Water	Groundwater Elevation	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
		MTCA Method A Cleanup Levels: (feet)	(feet)	(feet)	1,000/800 <sup>a</sup>	500 (ug/L)	500 (ug/L)	5 (ug/L)	1,000 (ug/L)	700 (ug/L)	1,000 (ug/L)	20 (ug/L)	0.01 (ug/L)	5 (ug/L)	15 (ug/L)	15 (ug/L)	NE (ug/L)
MW-3	3/27/2001	98.68	23.50	75.18	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/11/2001	98.68	23.00	75.68	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/21/2002	98.36	23.11	75.25	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/28/2002	98.36	22.99	75.37	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/24/2002	98.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/9/2002	98.36	24.21	74.15	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	03/10/03	98.74	23.27	75.47	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/3/2003	98.74	23.39	75.35	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/15/2003	98.74	23.51	75.23	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/9/2003	98.74	23.60	75.14	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/11/2004	98.74	22.45	76.29	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/9/2004	98.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/9/2004	98.74	23.03	75.71	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/20/2004	98.74	23.26	75.48	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	04/04/05	98.74	23.80	74.94	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/15/2005	98.74	23.53	75.21	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/14/2005	98.74	23.03	75.71	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/22/2005	98.74	23.12	75.62	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/10/2006	98.74	22.62	76.12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/23/2006	98.74	22.92	75.82	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/3/2006	98.74	22.70	76.04	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/1/2006	98.74	23.15	75.59	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/1/2007	98.74	22.75	75.99	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/8/2007	98.74	22.94	75.80	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/1/2007	98.74	23.56	75.18	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/5/2007	98.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/19/2008	98.74	23.19	75.55	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/6/2008	98.74	23.22	75.52	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/14/2008	98.74	22.60	76.14	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/12/2008	98.74	22.90	75.84	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	4/6/2009	98.74	23.00	75.74	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/22/2009	98.74	22.79	75.95	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/23/2009	98.74	22.81	75.93	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	2.0	1.7	--
MW-3	12/3/2009	98.74	23.04	75.70	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-3	3/4/2010	98.74	22.82	75.92	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-3	6/16/2010	98.74	22.55	76.19	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-3	9/9/2010	98.74	22.77	75.97	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-3	12/13/2010	98.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/23/2011	98.74	22.77	75.97	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-3	5/12/2011	98.74	22.89	75.85	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-3	9/15/2011	98.74	22.69	76.05	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	12/27/2011	98.74	23.24	75.50	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	3/28/2012	98.74	23.12	75.62	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	6/28/2012	98.74	22.22	76.52	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	9/5/2012	98.74	22.02	76.72	<50	<31	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	11/26/2012	98.74	22.62	76.12	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	3/21/2013	98.74	22.72	76.02	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	6/12/2013	98.74	22.30	76.44	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50





Table 2

**Groundwater Monitoring Data and Analytical Results**  
**76 Products Facility No. 351385**  
**6 North 5th Street**  
**Wenatchee, Washington**

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	Dissolved Lead		Ethanol	
														1,000 (ug/L)	20 (ug/L)		
MW-8	8/1/2007	101.14	23.78	77.36													
MW-8	11/5/2007	101.14	DRY	--													
MW-8	3/19/2008	101.14	DRY	--													
MW-8	5/6/2008	101.14	DRY	--													
MW-8	8/14/2008	101.14	22.50	78.64	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/12/2008	101.14	23.70	77.44	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	4/6/2009	101.14	23.88	77.26	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/22/2009	101.14	23.35	77.79	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/22/2009	101.14	23.08	78.06	4,780	259	<388	270	11.4	208	426	<1.0	<0.010	<1.0	0.33	0.14	--
MW-8	12/3/2009	101.14	23.98	77.16	422	--	--	19.0	1.0	21.8	45.8	--	--	--	--	--	--
MW-8	3/4/2010	101.14	23.44	77.70	688	414	<385	30.3	1.3	22.4	70.6	--	--	--	--	--	--
MW-8	6/16/2010	101.14	23.01	78.13	99.2	261	<392	14.8	<1.0	1.0	<3.0	--	--	--	--	--	--
MW-8	9/9/2010	101.14	22.77	78.37	55.8	<79.2	<396	1.6	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-8	12/13/2010	101.14	24.10	77.04													
MW-8	3/23/2011	101.14	23.82	77.32	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-8	5/12/2011	101.14	23.65	77.49	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-8	9/15/2011	101.14	22.42	78.72	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	12/27/2011	101.14	24.21	76.93	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	3/28/2012	101.14	23.97	77.17	<50	<29	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	6/28/2012	101.14	23.08	78.06	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	9/5/2012	101.14	21.52	79.62	<50	<29	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	11/26/2012	101.14	23.52	77.62	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	3/21/2013	101.14	23.63	77.51	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	6/12/2013	101.14	22.50	78.64	<50	43	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	9/26/2013	650.79	22.55	628.24	<50	89	160	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	12/13/2013	650.79	23.21	627.58	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	3/24/2014	650.79	22.59	628.20	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	6/24/2014	650.79	23.60	627.19	<50	46	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	9/25/2014	650.79	23.31	627.48	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	12/1/2014	650.79	24.73	626.06	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/24/2015	650.79	24.71	626.08													
MW-8	6/1/2015	650.79	24.70	626.09													
MW-8	9/14/2015	650.79	24.71	626.08													
MW-8	11/23/2015	650.79	24.78	626.01													
MW-8	10/12/2017	650.79	23.31	627.48	<100	<400	<400	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-9	3/27/2001	102.15	26.05	76.10	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/11/2001	102.15	24.64	77.51	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/21/2002	101.89	25.52	76.37	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/28/2002	101.89	25.19	76.70	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/24/2002	101.89	24.17	77.72	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/9/2002	101.89	25.66	76.23	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/10/2003	101.89	25.41	76.48	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/3/2003	101.89	25.04	76.85	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/15/2003	101.89	25.38	76.51	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/9/2003	101.89	25.73	76.16	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/11/2004	101.89	25.30	76.59	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/9/2004	101.89	25.51	76.38	--	--	--	--	--	--	--	--	--	--	--	--	--



Table 2

**Groundwater Monitoring Data and Analytical Results**  
**76 Products Facility No. 351385**  
**6 North 5th Street**  
**Wenatchee, Washington**

Well ID	Sample Date	TOC	Depth to Water	Groundwater Elevation	TPH-G 1,000/800 <sup>a</sup>	TPH-D 500 (ug/L)	TPH-O 500 (ug/L)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Ethanol	
		MTCA Method A Cleanup Levels: (feet)	(feet)	(feet)				5 (ug/L)	1,000 (ug/L)	700 (ug/L)	1,000 (ug/L)	20 (ug/L)	0.01 (ug/L)	5 (ug/L)	15 (ug/L)	15 (ug/L)	NE (ug/L)
MW-10	3/27/2001	101.79	25.32	76.47	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/11/2001	101.79	23.92	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/21/2002	101.42	24.77	76.65	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/28/2002	101.42	24.51	76.91	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/24/2002	101.42	23.35	78.07	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/9/2002	101.42	24.83	76.59	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/10/2003	101.42	24.70	76.72	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/3/2003	101.42	24.07	77.35	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/15/2003	101.42	24.68	76.74	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/9/2003	101.42	24.90	76.52	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/11/2004	101.42	24.38	77.04	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/9/2004	101.42	24.68	76.74	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/9/2004	101.42	23.85	77.57	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/20/2004	101.42	25.14	76.28	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/4/2005	101.42	25.30	76.12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/15/2005	101.42	24.61	76.81	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/14/2005	101.42	23.55	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/22/2005	101.42	24.90	76.52	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/10/2006	101.42	23.77	77.65	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/23/2006	101.42	24.49	76.93	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/3/2006	101.42	23.04	78.38	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/1/2006	101.81	24.58	77.23	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/1/2007	101.81	23.82	77.99	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/8/2007	101.81	24.58	77.23	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/1/2007	101.81	24.01	77.80	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/5/2007	101.81	24.81	77.00	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/19/2008	101.81	24.15	77.66	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/6/2008	101.81	24.36	77.45	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/14/2008	101.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/12/2008	101.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/6/2009	101.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/22/2009	101.81	23.45	78.36	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/22/2009	101.81	23.13	78.68	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	0.92	0.14	--
MW-10	12/3/2009	101.81	24.40	77.41	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/4/2010	101.81	23.54	78.27	136	143	<385	5.7	<1.0	<1.0	15.2	--	--	--	--	--	--
MW-10	6/16/2010	101.81	23.13	78.68	262	217	<388	21.0	<1.0	5.5	13.0	--	--	--	--	--	--
MW-10	9/9/2010	101.81	22.90	78.91	63.8	<81.6	<408	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-10	12/13/2010	101.81	24.45	77.36	97.9 D6	<78.4	<392	1.7	<1.0	1.9	8.0	<1.0	--	--	--	--	--
MW-10	3/23/2011	101.81	23.92	77.89	<50.0	78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-10	5/12/2011	101.81	23.90	77.91	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-10	9/15/2011	101.81	22.58	79.23	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50	<50
MW-10	12/27/2011	101.81	24.82	76.99	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50	<50
MW-10	3/28/2012	101.81	24.50	77.31	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50	<50
MW-10	6/28/2012	101.81	23.32	78.49	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50	<50
MW-10	9/5/2012	101.81	21.75	80.06	<50	<31	<73	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<50	<50
MW-10	11/26/2012	101.81	24.12	77.69	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<50	<50
MW-10	3/21/2013	101.81	24.41	77.40	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<50	<50
MW-10	6/12/2013	101.81	23.55	78.26	<50	89	<69	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	<50	<50

Table 2

**Groundwater Monitoring Data and Analytical Results**  
**76 Products Facility No. 351385**  
**6 North 5th Street**  
**Wenatchee, Washington**

Well ID	Sample Date	TOC	Depth to Water	Groundwater Elevation	TPH-G 1,000/800 <sup>a</sup>	TPH-D 500 (ug/L)	TPH-O 500 (ug/L)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
		MTCA Method A Cleanup Levels: (feet)	(feet)	(feet)				5 (ug/L)	1,000 (ug/L)	700 (ug/L)	1,000 (ug/L)	20 (ug/L)	0.01 (ug/L)	5 (ug/L)	15 (ug/L)	15 (ug/L)	NE (ug/L)
MW-10	9/26/2013	651.48	22.90	628.58	<50	41	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	12/13/2013	651.48	24.97	626.51	<50	<33	<76	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	3/25/2014	651.48	24.49	626.99	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	6/24/2014	651.48	23.91	627.57	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	9/25/2014	651.48	23.78	627.70	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	12/1/2014	651.48	24.15	627.33	<50	<28	<65	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	2/25/2015	651.48	23.89	627.59	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	6/1/2015	651.48	23.95	627.53	<50	<28	<65	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	9/14/2015	651.48	23.21	628.27	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	11/23/2015	651.48	23.90	627.58	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	10/12/2017	651.48	23.71	627.77	<100	<410	<410	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-11	3/27/2001	98.39	20.22	78.17	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/11/2001	98.39	19.85	78.54	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/21/2002	97.93	19.70	78.23	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/28/2002	97.93	19.98	77.95	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/24/2002	97.93	19.38	78.55	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	12/9/2002	97.93	19.62	78.31	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/10/2003	97.93	20.29	77.64	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/3/2003	97.93	19.50	78.43	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/15/2003	97.93	20.26	77.67	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	12/9/2003	97.93	19.60	78.33	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/11/2004	97.93	19.20	78.73	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/9/2004	97.93	19.64	78.29	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/9/2004	97.93	--	--	--	--	--	--	--	--	--	--	Inaccessible - car parked over well	--	--	--	--
MW-11	12/20/2004	97.93	19.81	78.12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	4/4/2005	97.93	19.85	78.08	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/15/2005	97.93	19.60	78.33	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/14/2005	97.93	19.52	78.41	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/22/2005	97.93	19.69	78.24	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/10/2006	97.93	19.77	78.16	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	5/23/2006	97.93	19.67	78.26	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/3/2006	97.93	19.36	78.57	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/1/2006	98.53	19.73	78.80	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/1/2007	98.53	19.53	79.00	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	5/8/2007	98.53	19.63	78.90	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/1/2007	98.53	20.21	78.32	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/5/2007	98.53	19.71	78.82	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/19/2008	98.53	19.82	78.71	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	5/6/2008	98.53	20.00	78.53	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/14/2008	98.53	19.10	79.43	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/12/2008	98.53	19.60	78.93	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	4/6/2009	98.53	19.52	79.01	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/22/2009	98.53	19.30	79.23	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/22/2009	98.53	19.33	79.20	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<0.012	<1.0	1.7	0.088 J	--
MW-11	12/3/2009	98.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/4/2010	98.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/16/2010	98.53	19.25	79.28	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--

Table 2

**Groundwater Monitoring Data and Analytical Results**  
**76 Products Facility No. 351385**  
**6 North 5th Street**  
**Wenatchee, Washington**

Well ID	Sample Date	TOC	Depth to Water	Groundwater Elevation	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
		MTCA Method A Cleanup Levels: (feet)	(feet)	(feet)	1,000/800 <sup>a</sup>	500 (ug/L)	500 (ug/L)	5 (ug/L)	1,000 (ug/L)	700 (ug/L)	1,000 (ug/L)	20 (ug/L)	0.01 (ug/L)	5 (ug/L)	15 (ug/L)	15 (ug/L)	NE (ug/L)
MW-11	9/9/2010	98.53	19.27	79.26	<50.0	<79.2	<396	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-11	12/13/2010	98.53	19.62	78.91	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-11	3/23/2011	98.53	19.53	79.00													
MW-11	5/12/2011	98.53	19.50	79.03													
MW-11	9/15/2011	98.53	19.11	79.42	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	12/27/2011	98.53	19.74	78.79	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	3/28/2012	98.53	19.41	79.12	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	6/28/2012	98.53	19.02	79.51	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	9/5/2012	98.53	18.08	80.45	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	11/26/2012	98.53	19.20	79.33	<50	<31	170	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	3/21/2013	98.53	19.36	79.17	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	6/12/2013	98.53	18.83	79.70	<50	30	140	7	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	9/26/2013	648.20	19.00	629.20	<50	140	600	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	12/13/2013	648.20	19.91	628.29	<50	<30	170	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	3/25/2014	648.20	18.51	629.69	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	6/24/2014	648.20	19.51	628.69	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	9/25/2014	648.20	19.51	628.69	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	12/1/2014	648.20										Inaccessible - Compact snow/ice					
MW-11	2/25/2015	648.20	19.58	628.62	<50	1,000	6,300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	6/1/2015	648.20	19.49	628.71	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	9/14/2015	648.20	19.41	628.79	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	11/23/2015	648.20	19.55	628.65	<50	<28	120	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	10/12/2017	648.20	19.61	628.59	<100	<410	<410	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-12	3/27/2001	100.91	23.62	77.29	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/11/2001	100.91										Inaccessible - car parked over well					
MW-12	3/21/2002	100.91										Inaccessible - car parked over well					
MW-12	6/28/2002	100.47	23.35	77.12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/24/2002	100.47										Inaccessible - car parked over well					
MW-12	12/9/2002	100.47	23.14	77.33	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/10/2003	100.47	23.49	76.98	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/3/2003	100.47	22.71	77.76	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/15/2003	100.47	23.45	77.02	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/9/2003	100.47										Inaccessible - car parked over well					
MW-12	3/11/2004	100.47										Inaccessible - car parked over well					
MW-12	6/9/2004	100.47										Not accessible - lid could not be removed					
MW-12	9/9/2004	100.47										Inaccessible - car parked over well					
MW-12	12/20/2004	100.47										Inaccessible - car parked over well					
MW-12	4/4/2005	100.47	23.33	77.14	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/15/2005	100.47	23.15	77.32	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/14/2005	100.47	22.33	78.14	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/22/2005	100.47	23.20	77.27	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/10/2006	100.47	22.58	77.89	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/23/2006	100.47	23.10	77.37	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/3/2006	100.47	21.85	78.62	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/1/2006	100.86	23.14	77.72	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/1/2007	100.86	22.64	78.22	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/8/2007	100.86	23.08	77.78	--	--	--	--	--	--	--	--	--	--	--	--	--















Table 2

**Groundwater Monitoring Data and Analytical Results  
76 Products Facility No. 351385  
6 North 5th Street  
Wenatchee, Washington**

Well ID	Sample Date	TOC Elevation	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G ( $\mu$ g/L)	TPH-D ( $\mu$ g/L)	TPH-O ( $\mu$ g/L)	Benzene ( $\mu$ g/L)	Toluene ( $\mu$ g/L)	Ethylbenzene ( $\mu$ g/L)	Total Xylenes ( $\mu$ g/L)	MTBE ( $\mu$ g/L)	EDB ( $\mu$ g/L)	EDC ( $\mu$ g/L)	Total Lead ( $\mu$ g/L)	Dissolved Lead ( $\mu$ g/L)	Ethanol ( $\mu$ g/L)
		<b>MTCA Method A Cleanup Levels:</b> <b>(feet)</b>			<b>1,000/800<sup>a</sup></b>	<b>500</b>	<b>500</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>	<b>20</b>	<b>0.01</b>	<b>5</b>	<b>15</b>	<b>15</b>	<b>NE</b>

Analytical results in bold font indicate concentration exceeds the MTCA Method A cleanup level.  
Site survey was completed on October 15, 2013 by Statewide Land Surveying, Inc.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

ft = Feet

MTBE = Methyl Tertiary Butyl Ether

MTCA = Model Toxics Control Act

NE = Not Established

RPD = Relative percent difference

TOC = Top of casing

TPH = Total Petroleum Hydrocarbons

TPH-D = TPH as Diesel-range organics

TPH-G = TPH as Gasoline-range organics

TPH-O = TPH as Heavy Oil-range organics

USEPA = United States Environmental Protection Agency

VOA = Volatile Organic Analysis

$\mu$ g/L = Micrograms per liter

-- = Not measured/Not analyzed

< = Less than the stated laboratory reporting limit

**ANALYTICAL METHOD:**

BTEX analyzed by USEPA Method 8021B or 8260B.

EDC analyzed by USEPA Method 8260B.

EDB analyzed by USEPA Method 504.1.

Ethanol analyzed by USEPA Method 8260B.

MTBE analyzed by USEPA Method 8260B.

Total and dissolved lead analyzed by USEPA Method 6020 .

TPH-G analyzed by Northwest Method NWTPH-Gx.

TPH-D analyzed by Northwest Method NWTPH-Dx .

TPH-O analyzed by Northwest Method NWTPH-Dx.

a MTCA Method A cleanup levels for TPH-G are 1,000  $\mu$ g/L when no Benzene is present and 800  $\mu$ g/L when Benzene is present.

b Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH<2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH=10. Due to excessive foaming of the sample, normal reporting limits were not obtained.

c Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH<2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH=10.

d Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH<2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of the sample was pH=7.

e Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH<2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of the sample was pH=6.

f Same as above, but the pH of this sample was pH=3.

g A preserved vial was submitted for analysis. However, the pH at the time of analysis was 4.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

H1 Analysis conducted outside the USEPA method holding time.

S5 Surrogate recovery outside control limits due to matrix interference.

D6 The RPD between the sample and sample duplicate exceeded laboratory control limits.