December 14, 2017 Reference No. 11145929

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

**Re: Site Assessment Work Plan**
**76 Products Facility No. 351384**
**Phillips 66 Site 0980**
**920 North 6th Avenue**
**Yakima, Washington**
**Facility Site ID: 53365837 / VCP Site ID: CE0468**

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 920 North 6th Avenue, Yakima, Yakima County, Washington (Property; Figure 1).

The Property is an active bulk fuel terminal that includes an office/warehouse building in the southeast portion of the property, several above ground fuel storage tanks (ASTs) in a bermed area in the northwest corner of the property with above ground piping and loading/unloading areas east of the ASTs (Figure 2). The zoning at the Property is light industrial and is bounded by a boat repair facility to the north, residential to the west and south, and commercial buildings across North 6th Avenue to the east (Figure 3). The Washington State Department of Ecology's (Ecology) 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 shown on Figure 2.

## 1. Objectives and Scope

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

- Determine if the existing monitoring well network is not constructed deep enough to allow for appropriate compliance monitoring of groundwater. Decommission existing groundwater

GHD Services Inc.
732 Broadway Suite 301 Tacoma Washington 98402 USA
T 253 573 1218 F 253 573 1663 W www.ghd.com

monitoring wells on Site if appropriate. The existing well network has not contained sufficient water to sample over the last four sampling events dating back to April 2014; additionally many of the monitoring wells were used as part of the remediation system and may no longer be appropriate for evaluating performance sampling for water quality.

- Use existing, if possible, and new monitoring wells to adequately define the MTCA Site boundary and evaluate the effectiveness of the former remediation system operated at the Site.
- Determine the direction of groundwater flow at the Site.
- Determine the appropriate remedial strategy to achieve compliance with MTCA and obtain a No Further Action determination for the Site.

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 4. It should be noted that a groundwater contour and concentration map was not generated as there is no current groundwater quality data or groundwater elevation data available.

# 2. Pre-field Activities

GHD will complete the following pre-field activities:

- ***Health and Safety Plan –*** GHD will prepare 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 using a hand auger, air knife, or other appropriate method.

# 3. Investigation Activities

## 3.1 Soil and Groundwater Assessment

Five borings will be advanced and completed as groundwater monitoring wells to further characterize soil and groundwater impacts at the Site. In addition, water levels from the existing monitoring well network will be collected to ascertain if select monitoring wells can be utilized in the characterization of the site. If the existing wells continue to contain insufficient water for sampling or are void of water, three additional contingency borings will be advanced and completed as groundwater monitoring wells. The borings will be advanced by a Washington State licensed driller using a hollow stem auger drill rig. The locations of the proposed monitoring wells are presented on Figure 5.

Two of the proposed monitoring wells and three of the proposed contingency wells will be installed to provide confirmation of the MTCA Site boundary. The remaining three wells will be located within areas previously identified to have groundwater impacts exceeding MTCA cleanups levels. Due to the variability of groundwater elevation at the Site over more than 25 years, GHD will install the proposed wells with a screen length of 20 feet starting at a depth of 13 feet below grade (fbg) to 33 feet bgs.

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 - C | Up to 3 samples<br>1 to 2 in the vadose zone based on field screening and historical soil exceedance<br>1 at the soil-groundwater interface | 34 fbg<br>Well screened from 13 to 33 fbg | Assess effectiveness of former remediation system and confirm historical soil impacts | TPH-Gx, TPH-Dx, BTEX; HVOCs, PAHs, Naphthalenes, PCBs, Additives (select samples, if necessary) |
| D - E | 2 samples<br>1 in the vadose zone based on field screening<br>1 at soil-groundwater interface | 34 fbg<br>Well screened from 13 to 33 fbgWell screened from 13 | Confirmation of MTCA Site boundary | TPH-Gx, TPH-Dx, BTEX; HVOCs, PAHs, Naphthalenes, PCBs, Additives (select samples, if necessary) |
| F - H | Up to 3 samples<br>1 to 2 in the vadose zone based on field screening and historical soil exceedance | 34 fbg<br>Well screened from 13 to 33 fbg | Contingency wells. To be used for confirmation of MTCA Site Boundary | TPH-Gx, TPH-Dx, BTEX; HVOCs, PAHs, Naphthalenes, |

| | | | | |
|---|---|---|---|---|
| | 1 at the soil-groundwater interface | | | PCBs, Additives (select samples, if necessary) |

fbg = Feet Below Ground
TPH-Gx = Gasoline range organics per Method Northwest Total Petroleum Hydrocarbon Identification (NWTPH) Gx
TPH-Dx = Diesel and oil 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)

### 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 with a hollow stem auger drill rig and completed as monitoring wells. Soil samples will be collected using a hammer-driven split-spoon sampler lined with clean brass sleeves.

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 Decommissioning and Installation

There are currently seven monitoring wells located on-Site and within the property boundary. There are an additional six monitoring wells that are part of the well network and located off property. Wells MW-9 through MW-14 were completed to a depth of 25 fbg and screened from 10 to 24 fbg. Boring and well completion logs for wells MW-1 through MW-8 are unavailable. MW-1 through MW-5 and MW-7 were used as remediation wells while the soil vapor extraction system was operational at the Site (2008-2014). Monitoring well MW-6 was decommissioned previously. Groundwater has not been sampled at the Site since 2013 due to insufficient water in the wells. Due to the existing wells being dry and previously used as remediation wells, decommissioning of existing wells and installation of new wells may be necessary. If sufficient groundwater is present in the existing well network, at a minimum, existing wells MW-4, MW-7, MW-9, and MW-14 will not be decommissioned and incorporated into the proposed groundwater monitoring program. Further file review and research is necessary to find all of the existing logs. The decommissioning procedures will be dependent upon locating the remaining driller's logs for all of the wells at the Site. Wells will be decommissioned in accordance with WAC 173-160-381.

Five monitoring wells and three contingency wells are proposed. Due to the significant fluctuation in the depth to groundwater at the Site, screen lengths will be 20 feet, from 13 fbg to 33 fbg. The wells will be constructed with 2-inch Schedule 40, polyvinyl chloride (PVC), 0.010-inch slot screen, flush

threaded with PVC blank well casing from the top of the screen to the top of the wells. 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 wells will be completed with flush mount, traffic rated well boxes.

The wells will be developed following installation by surging the well screens 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 wells have pumped dry.

The new 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

A quarterly groundwater monitoring program will be implemented for the newly installed monitoring well network. Groundwater samples will be analyzed at a minimum for TPH-Gx, TPH-Dx, 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

BP/cd/1

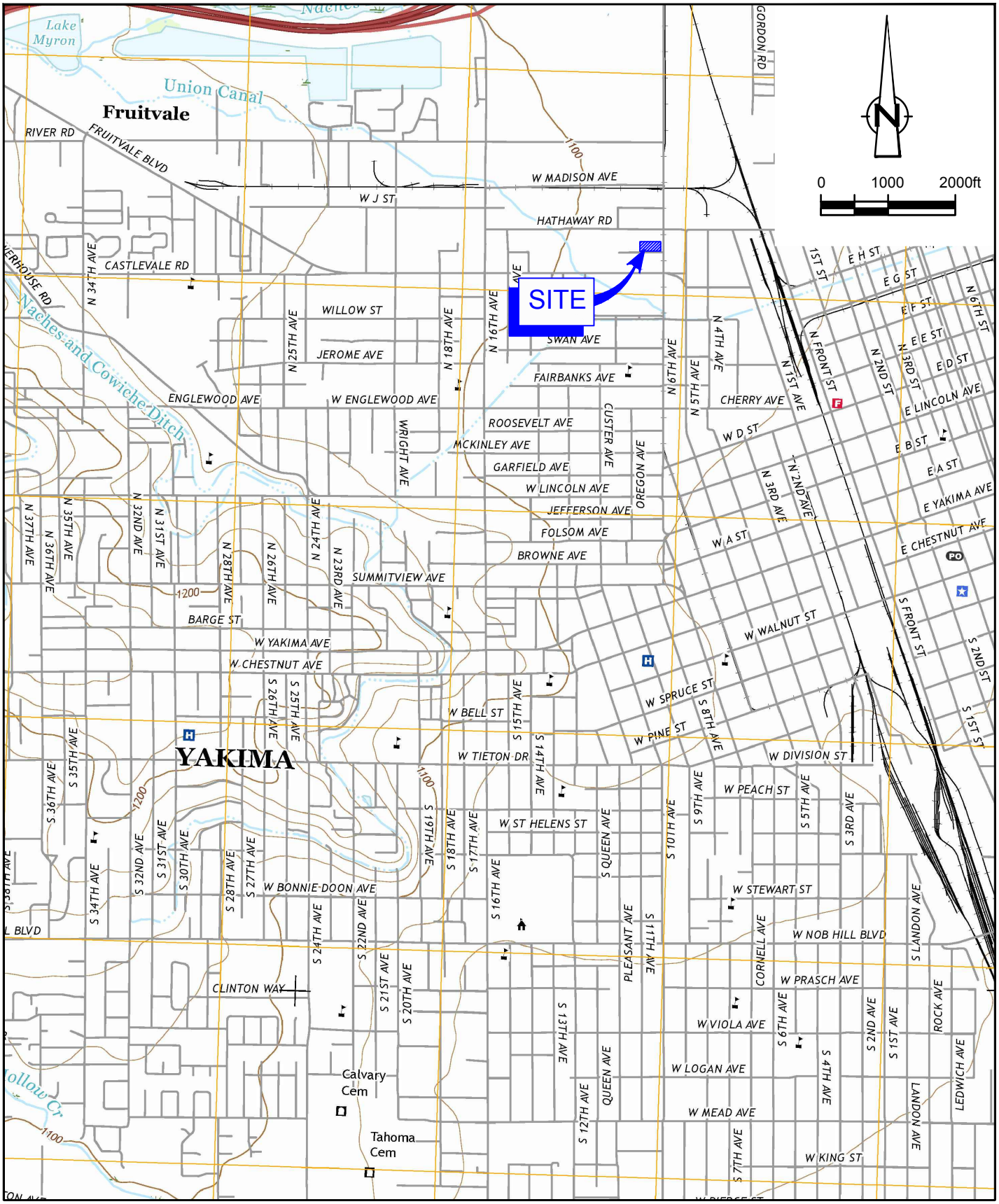
Encl.

| | |
|---|---|
| Figure 1 | Vicinity Map |
| Figure 2 | Site Plan |
| Figure 3 | Area Map |
| Figure 4 | Soil Investigation Data Map |
| Figure 5 | 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: YAKIMA WEST, WA. (2017).

PHILLIPS 66
920 NORTH 6TH AVENUE
YAKIMA, WASHINGTON

11145929-RM00

Nov 29, 2017

# SITE LOCATION MAP

FIGURE 1

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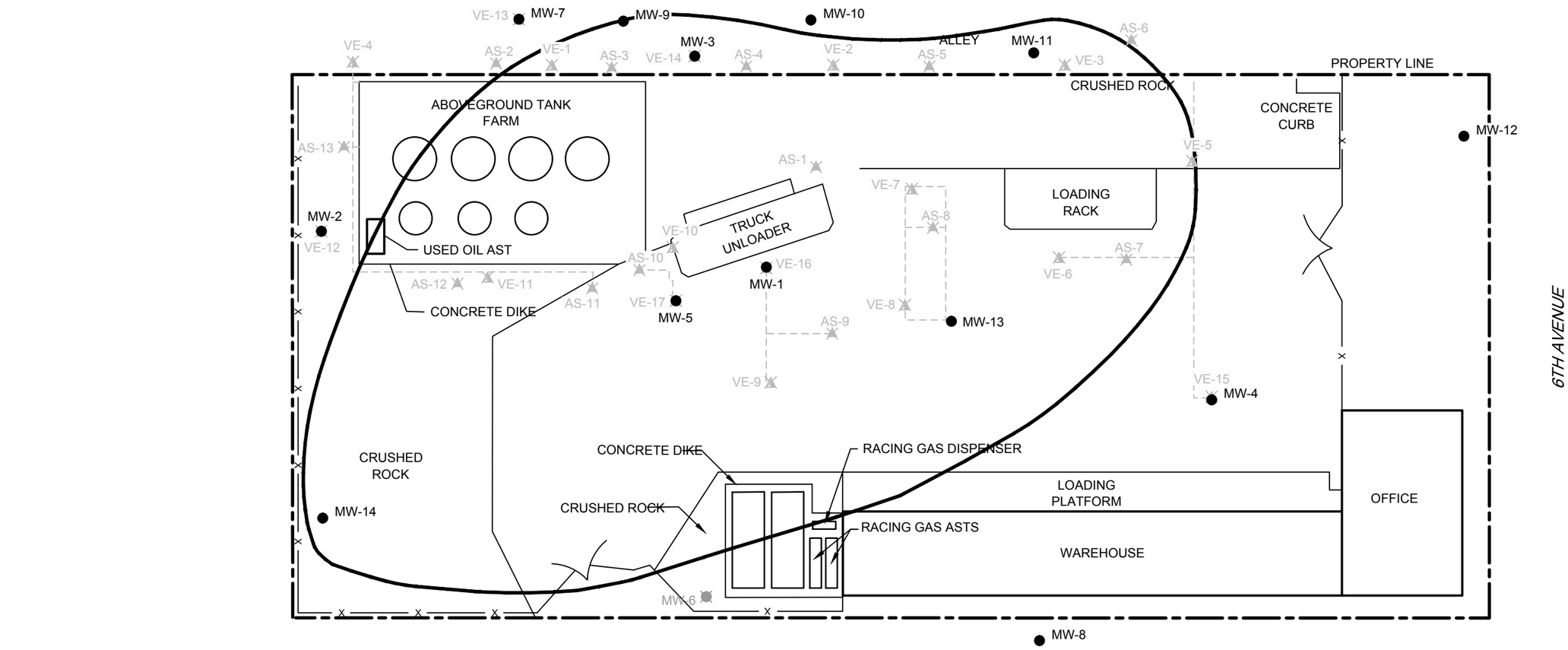



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-1 MONITORING WELL LOCATION
- MW-6 ABANDONED MONITORING WELL LOCATION
- AS-1 DECOMMISSIONED AIR SPARGE WELL LOCATION
- VE-1 DECOMMISSIONED VAPOR EXTRACTION WELL LOCATION
- ABANDONED IN PLACE UNDERGROUND PIPING TRENCH
- MTCA SITE BOUNDARY (APPROXIMATE, BASED ON CURRENT DATA)

Source: STANTEC, FIGURE 2, SITE MAP WITH ANALYTICAL RESULTS (JUNE 14 & 15, 2010), DATED 7/12/10.

0 15 30ft

Coordinate System:
WASHINGTON SOUTH
STATE PLANE NAD83 FEET

PHILLIPS 66
920 NORTH 6TH AVENUE
YAKIMA, WASHINGTON

11145929-RM00

Dec 7, 2017

SITE PLAN

FIGURE 2

CAD File: P:\drawings\11145000s\11145929\11145929-MEMO\11145929-RM00(MEMO001)\11145929-RM00(MEMO001)GN\11145929-RM00(MEMO001)GN-WA002.DWG


Source: Microsoft Product Screen Shot(s) Reprinted with permission from Microsoft Corporation, Accessed: 2017

0 50 100ft

Coordinate System:
WASHINGTON SOUTH
STATE PLANE NAD83 FEET

LEGEND

APPROXIMATE PROPERTY LINE

GHD

PHILLIPS 66
920 NORTH 6TH AVENUE
YAKIMA, WASHINGTON

11145929-RM00

Nov 29, 2017

AREA MAP

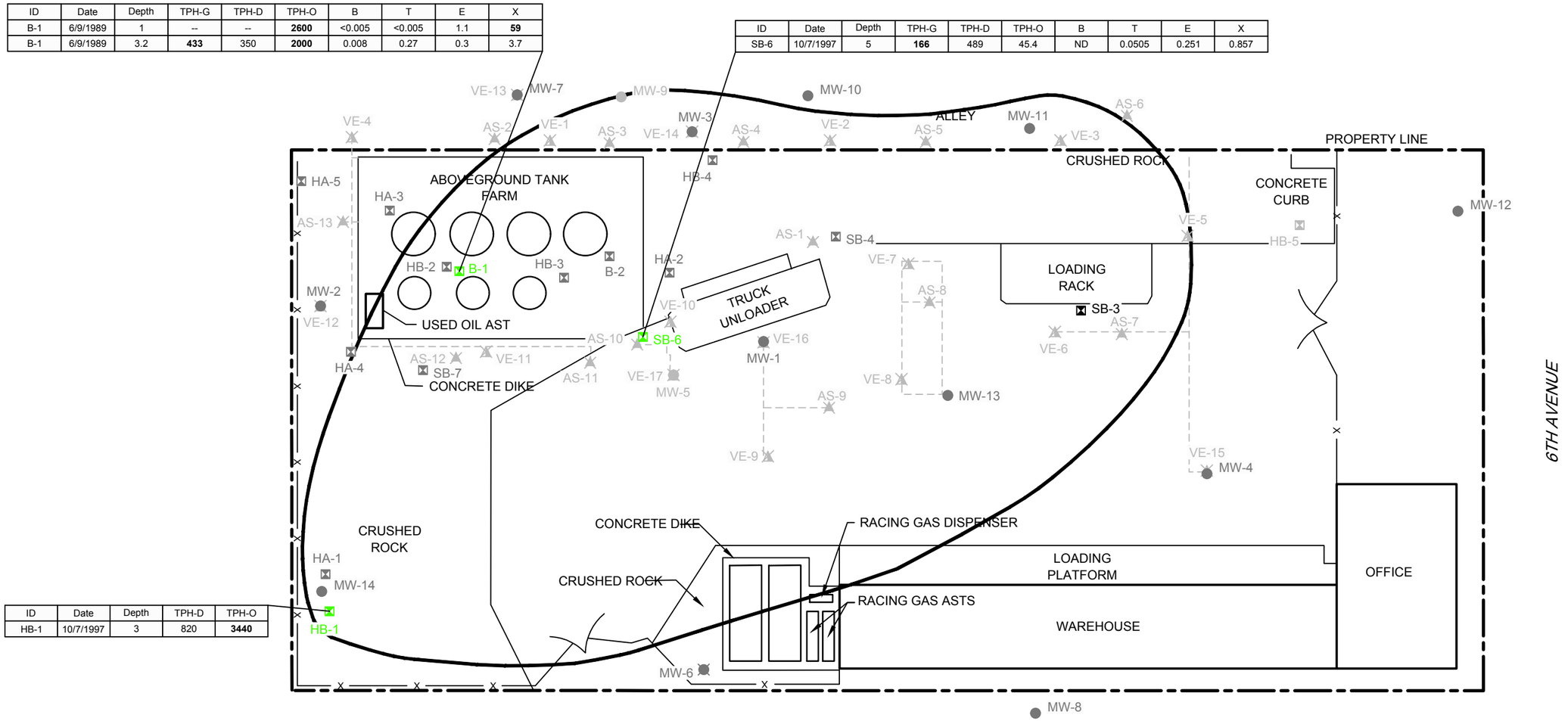
FIGURE 3

CAD File: P:\drawings\11145000s\11145929\11145929-MEMO\11145929-RM00(MEMO001)\11145929-RM00(MEMO001)GN\11145929-RM00(MEMO001)GN-WA003.DWG

| ID | Date | Depth | TPH-G | TPH-D | TPH-O | B | T | E | X |
|---|---|---|---|---|---|---|---|---|---|
| B-1 | 6/9/1989 | 1 | -- | -- | **2600** | <0.005 | <0.005 | 1.1 | **59** |
| B-1 | 6/9/1989 | 3.2 | **433** | 350 | **2000** | 0.008 | 0.27 | 0.3 | 3.7 |

| ID | Date | Depth | TPH-G | TPH-D | TPH-O | B | T | E | X |
|---|---|---|---|---|---|---|---|---|---|
| SB-6 | 10/7/1997 | 5 | **166** | 489 | 45.4 | ND | 0.0505 | 0.251 | 0.857 |

| ID | Date | Depth | TPH-D | TPH-O |
|---|---|---|---|---|
| HB-1 | 10/7/1997 | 3 | 820 | **3440** |




## LEGEND

- APPROXIMATE PROPERTY LINE
- MW-1 — MONITORING WELL LOCATION
- MW-6 — ABANDONED MONITORING WELL LOCATION
- AS-1 — DECOMMISSIONED AIR SPARGE WELL LOCATION
- VE-1 — DECOMMISSIONED VAPOR EXTRACTION WELL LOCATION
- ABANDONED IN PLACE UNDERGROUND PIPING TRENCH
- HA-1 — SOIL SAMPLE LOCATION
- MTCA SITE BOUNDARY (APPROXIMATE, BASED ON CURRENT DATA)

- INDICATES ALL CONCENTRATIONS WERE BELOW MTCA METHOD A SCREENING LEVELS
- INDICATES AT LEAST ONE CONCENTRATION WAS DETECTED ABOVE LABORATORY REPORTING LIMITS, BUT NO CONCENTRATION EXCEEDED MTCA METHOD A SCREENING LEVELS
- INDICATES AT LEAST ONE CONCENTRATION WAS DETECTED ABOVE MTCA METHOD A SCREENING LEVELS

NOTES:
1. ALL RESULTS IN MILLIGRAMS PER KILOGRAM (mg/kg)
2. TPH-G = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
3. TPH-D = TOTAL PETROLEUM HYDROCARBONS AS DISIEL
4. TPH-O = TOTAL PETROLEUM PYDROCARBONS AS OIL
5. B = BENZENE
6. T = TOLUENE
7. E = ETHYBENZENE
8. X = TOTAL XYLENES
9. ND = NOT DETECTED
10. CONCENTRATIONS IN BOLD EXCEED THE MTCA METHOD A SCREENING LEVELS.
11. MTCA = MODEL TOXICS CONTROL ACT
12. ID = SOIL SAMPLE IDENTIFICATION NUMBER
13. DEPTH IN FEET BELOW GROUND SURFACE

Source: STANTEC, FIGURE 2, SITE MAP WITH ANALYTICAL RESULTS (JUNE 14 & 15, 2010), DATED 7/12/10.

0 15 30ft

Coordinate System:
WASHINGTON SOUTH
STATE PLANE NAD83 FEET

PHILLIPS 66
920 NORTH 6TH AVENUE
YAKIMA, WASHINGTON

11145929-RM00
Dec 7, 2017

# SOIL INVESTIGATION DATA MAP

FIGURE 4

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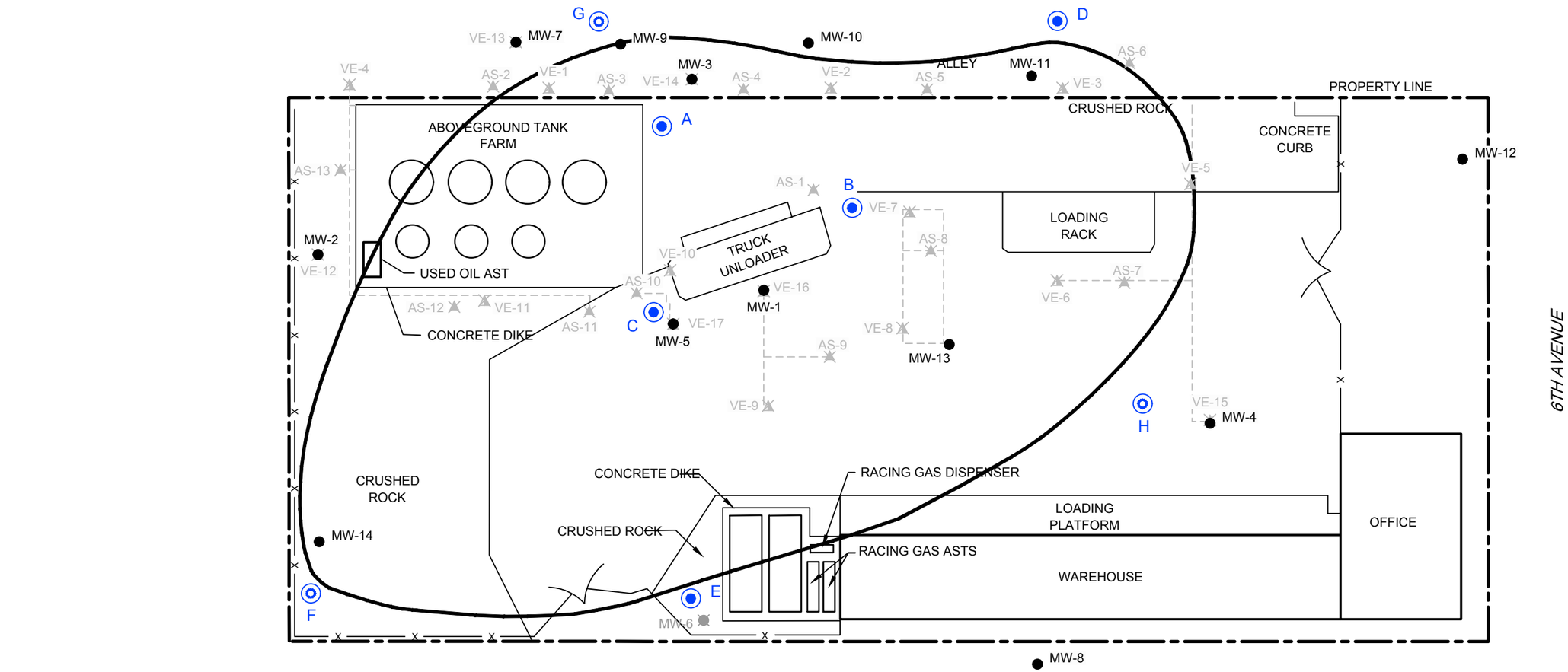


## LEGEND

- APPROXIMATE PROPERTY LINE
- MW-1 — MONITORING WELL LOCATION
- MW-6 — ABANDONED MONITORING WELL LOCATION
- AS-1 — DECOMMISSIONED AIR SPARGE WELL LOCATION
- VE-1 — DECOMMISSIONED VAPOR EXTRACTION WELL LOCATION
- ABANDONED IN PLACE UNDERGROUND PIPING TRENCH
- MTCA SITE BOUNDARY (APPROXIMATE, BASED ON CURRENT DATA)
- PROPOSED MONITORING WELL LOCATION
- PROPOSED CONTINGENCY MONITORING WELL LOCATION

Source: STANTEC, FIGURE 2, SITE MAP WITH ANALYTICAL RESULTS (JUNE 14 & 15, 2010), DATED 7/12/10.

0 15 30ft

Coordinate System:
WASHINGTON SOUTH
STATE PLANE NAD83 FEET

PHILLIPS 66
920 NORTH 6TH AVENUE
YAKIMA, WASHINGTON

11145929-RM00
Dec 14, 2017

# PROPOSED ADDITIONAL INVESTIGATION

FIGURE 5

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# Tables

**Table 1**

**Soil Analytical Results**
**76 Products Facility No. 351384**
**920 North 6th Avenue**
**Yakima, Washington**

| Sample ID | Sample Date | Sample Depth | TPH | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | EDB | EDC | MTBE | n-Hexane | Benzo(a) anthracene | Benzo(a) pyrene | Benzo(b) fluoranthene | Benzo(k) fluoranthene | Chrysene | Dibenz(a,h) anthracene | Indeo(1,2,3-cd) pyrene | 1-Methyl-naphthalene | 2-ethyl-naphthalene | Naph-thalene |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Level** | | | **--** | **100/30** | **2,000** | **2,000** | **0.03** | **7** | **6** | **9** | **0.005** | **---** | **0.1** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **5** | **5** | **5** |
| **MTCA Method B Cleanup Level** | | | **--** | | **3,019** | | **18** | **6,400** | **8,000** | **16,000** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** | **---** |
| | | ***(feet)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** | ***(mg/kg)*** |
| B-1 | 6/9/1989 | 1 | 2,600 | NA | NA | **2,600** | <0.005 | <0.005 | 1.1 | **59** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B-1 | 6/9/1989 | 3.2 | 2,783 | **433** | 350 | **2,000** | 0.008 | 0.27 | 0.30 | 3.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B-2 | 6/9/1989 | 2.5 | 88.0 | NA | NA | 88 | <0.005 | 0.019 | <0.005 | 3.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-1 | 6/9/1989 | 14.5 | 41 | <5.0 | 39 | 2.0 | <0.025 | <0.025 | <0.025 | <0.025 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 6/9/1989 | 9.5 | 6 | NA | NA | 6.0 | <0.025 | <0.025 | <0.025 | <0.025 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 6/9/1989 | 9.5 | 2 | NA | NA | 2.0 | <0.025 | <0.025 | <0.025 | <0.025 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-4 | 6/9/1989 | 14 | 4 | NA | NA | 4.0 | <0.025 | <0.025 | <0.025 | <0.025 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HB-1 | 10/7/1997 | 3 | 4,260 | ND | 820 | **3,440** | ND | ND | ND | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HB-2 | 10/7/1997 | 3 | 805 | ND | 658 | 147 | ND | ND | ND | 0.114 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HB-3 | 10/7/1997 | 3 | 116.2 | ND | 81.1 | 35.1 | ND | ND | ND | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HB-4 | 10/7/1997 | 3 | 102 | ND | 75.3 | 26.7 | ND | ND | ND | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HB-5 | 10/7/1997 | 3 | ND | ND | ND | ND | ND | ND | ND | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SB-4 | 10/7/1997 | 3 | 446.1 | ND | 388 | 58.1 | ND | ND | ND | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SB-6 | 10/7/1997 | 5 | 700.4 | **166** | 489 | 45.4 | ND | 0.0505 | 0.251 | 0.857 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SB-7 | 10/7/1997 | 4 | 61.4 | ND | 27.5 | 33.9 | ND | ND | ND | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-5 | 3/15/1999 | 7.5 | <25 | <5.0 | <10 | <25 | <0.05 | <0.05 | <0.05 | <0.10 | --- | --- | <0.10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-5 | 3/15/1999 | 12.5 | <25 | <5.0 | <10 | <25 | <0.05 | <0.05 | <0.05 | <0.10 | --- | --- | <0.10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-6 | 3/15/1999 | 2.5 | 151.7 | <5.0 | 25.7 | 126 | <0.05 | <0.05 | <0.05 | <0.10 | --- | --- | <0.10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-7 | 7/17/2003 | 11 | <25 | <5.0 | <10 | <25 | <0.03 | <0.05 | <0.05 | <0.10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-7 | 7/17/2003 | 16 | 10.9 | <5.0 | 10.9 | <25 | <0.03 | <0.05 | <0.05 | <0.10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-8 | 7/17/2003 | 6 | <25 | <5.0 | <10 | <25 | <0.03 | <0.05 | <0.05 | <0.10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-8 | 7/17/2003 | 16 | 41.9 | <5.0 | 12.8 | 29.1 | <0.03 | <0.05 | <0.05 | <0.10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-9 | 5/31/2007 | 5 | <10 | <1.1 | <3.0 | <10 | <0.0006 | <0.0009 | <0.0009 | <0.0009 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-9 | 5/31/2007 | 15 | <10 | <1.1 | <3.0 | <10 | <0.0006 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-10 | 5/31/2007 | 5 | <10 | <0.9 | <3.0 | <10 | 0.001 | <0.0009 | <0.0009 | <0.0009 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-10 | 5/31/2007 | 10 | 290 | <1.0 | 290 | <200 | <0.0006 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-10 | 5/31/2007 | 15 | 3.7 | <1.2 | 3.7 | <10 | <0.0006 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-11 | 5/31/2007 | 5 | <10 | <0.9 | <3.0 | <10 | 0.003 | 0.0009 | <0.0008 | <0.0008 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-11 | 5/31/2007 | 10 | 25.8 | <1.2 | 7.8 | 18 | 0.0006 | <0.0009 | <0.0009 | <0.0009 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-11 | 5/31/2007 | 15 | 5.5 | <1.6 | 5.5 | <10 | <0.0006 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-12 | 5/31/2007 | 5 | <10 | <1.1 | <3.0 | <10 | 0.001 | <0.0009 | <0.0009 | <0.0009 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-12 | 5/31/2007 | 15 | 12 | <1.1 | 12 | <10 | <0.0006 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-13 | 5/31/2007 | 5 | <10 | <0.9 | <3.0 | <10 | 0.003 | <0.0008 | <0.0008 | <0.0008 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-13 | 6/2/2007 | 15 | 26 | <1.0 | <3.0 | 26 | <0.0005 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-14 | 5/31/2007 | 5 | <10 | <1.3 | <3.0 | <10 | 0.002 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-14 | 6/2/2007 | 15 | 5.5 | <0.9 | 5.5 | <10 | <0.0006 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HA-1 | 4/21/2015 | 3 | <13 | <1.6 | <3.8 | <13 | 0.004 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.0006 | <0.001 | <0.00083 | <0.00083 | 0.0015 | <0.00083 | 0.0015 | <0.00083 | <0.00083 | <0.00083 | 0.0015 | 0.0019 |
| HA-2 | 4/21/2015 | 3 | 43 | <1.3 | 43 | <11 | 0.004 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.0006 | <0.001 | <0.00074 | <0.00074 | 0.0012 | <0.00074 | 0.0013 | <0.00074 | <0.00074 | 0.002 | 0.0044 | 0.0032 |
| HA-3 | 4/21/2015 | 3 | 18 | <0.9 | 18 | <11 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.0005 | <0.001 | 0.0049 | 0.0077 | 0.012 | 0.0041 | 0.0071 | 0.0013 | 0.0048 | 0.0076 | 0.013 | 0.0078 |
| HA-4 | 4/21/2015 | 3.5 | <11 | <1.3 | <3.4 | <11 | 0.004 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.0005 | <0.001 | <0.00077 | <0.00077 | 0.0011 | <0.00077 | 0.001 | <0.00077 | <0.00077 | 0.019 | 0.047 | 0.065 |
| HA-5 | 4/21/2015 | 3 | <11 | <1.4 | <3.3 | <11 | 0.002 | <0.001 | <0.001 | <0.001 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Notes**

mg/kg = milligrams per kilogram ft = feet

< = Analyte is not detected at or above the laboratory reporting limit. The laboratory reporting limit is listed.

-- = not analyzed

MTCA = Model Toxic Control Act

NA = Not Analyzed

USEPA = United States Environmental Protection Agency hydrocarbons

BTEX = Benzene, toluene, ethylbenzene, and total xylenes

**Table 1**

**Soil Analytical Results**
**76 Products Facility No. 351384**
**920 North 6th Avenue**
**Yakima, Washington**

TPH = Total petroleum
TPH-G = TPH as gasoline-range organics TPH-D = TPH as diesel-range organics TPH-O = TPH as heavy oil-range organics
BTEX analyzed by USEPA Method 8021B or 8260B. TPH-G analyzed by Northwest Method NWTPH-Gx.
TPH-D and TPH-O analyzed by Northwest Method NWTPH-Dx, with acid/silica-gel cleanup.
Bold indicates Concentration exceeding MTCA Method A cleanup level
Bold and Shaded indicates Concentration exceeding MTCA Method B cleanup level
EDB = 1,2-Dibromoethane
EDC = 1,2-Dichloroethane
MTBE = Methyl tert-butyl ether
MTCA = Model Toxics Control Act
VOCs = Volatile Organic Compounds
VOCs analyzed by USEPA Method 8021B or 8260B.
PAHs = Polycyclic Aromatic Hydrocarbons
PAHs analyzed by USEPA Method 8270C SIM.

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-1 | 07/14/89 | 104.44 | -- | -- | -- | -- | **38,000** | <0.5 | <0.5 | 1.4 | 5.5 | -- | -- | -- | -- | -- | -- |
| MW-1 | 05/23/91 | 103.8 | 14.04 | 90.40 | <1,000 | <1000 | -- | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-1 | 09/25/91 | 103.8 | 18.57 | 85.87 | <1,000 | <1000 | <1,000 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-1 | 09/28/98 | 103.8 | 14.10 | 90.34 | <50 | **638** | <500 | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- | -- |
| MW-1 | 03/24/99 | 103.8 | 21.96 | 83.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 04/28/99 | 103.8 | 18.21 | 83.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 03/22/00 | 103.8 | 20.73 | 83.71 | 84.1 | **1,800** | <500 | **12.9** | <0.500 | <0.500 | <1.00 | <5.00 | -- | -- | -- | -- | -- |
| MW-1 | 09/14/00 | 103.8 | 14.01 | 90.43 | <50.0 | **730** | <500 | <0.5 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-1 | 04/12/01 | 103.8 | 20.08 | 84.36 | 118 | **60,100** | <20,500 | **8.31** | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-1 | 09/12/01 | 103.8 | 14.05 | 90.39 | <50.0 | 261 | <500 | <0.5 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-1 | 03/20/02 | 103.8 | 18.98 | 85.46 | 245 | **71,600** | **1,050** | <0.5 | <2.00 | <1.00 | <1.50 | <5.00 | -- | -- | -- | -- | -- |
| MW-1 | 09/25/02 | 103.8 | 14.13 | 90.31 | <100 | 383 | <500 | 1.70 | 2.99 | <1.00 | 1.55 | -- | -- | -- | -- | -- | -- |
| MW-1 | 03/11/03 | 103.8 | 17.51 | 86.93 | 639 | **10,200** | <500 | **158** | 2.97 | 17.7 | 23.8 | -- | -- | -- | -- | -- | -- |
| MW-1 | 07/31/03 | 103.8 | 13.96 | 90.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 09/23/03 | 103.8 | 14.26 | 90.18 | <50 | **974** | <500 | <0.5 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-1 | 03/09/04 | 103.8 | 20.43 | 84.01 | **1,220** | **573** | <237 | **673** | <10 | 99.9 | 144.4 | -- | -- | -- | -- | -- | -- |
| MW-1 | 09/13/04 | 103.8 | 14.10 | 90.34 | 588 | **8,470** | <498 | <1.0 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-1 | 04/07/05 | 103.8 | 23.05 | 81.39 | **19,200** | **620,000** | **8,890** | **78.5** | <50 | <50 | 64.6 | -- | -- | -- | -- | -- | -- |
| MW-1 | 06/16/05 | 103.8 | 16.02 | 88.42 | **1,090** | **191,000** | <10,200 | <1.0 | <1 | 1.67 | 8.37 | -- | -- | -- | -- | -- | -- |
| MW-1 | 09/27/05 | 103.8 | 14.33 | 90.11 | <48 | **2,100** | 180 | <0.2 | <0.2 | <0.2 | <0.6 | -- | -- | -- | -- | -- | -- |
| MW-1 | 12/06/05 | 103.8 | 17.11 | 87.33 | 110 | **13,000** | <2,000 | 2.0 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-1 | 02/03/06 | 103.8 | 18.53 | 85.91 | 200 | **1,600** | <98 | **95** | 2 | 9 | 29 | -- | -- | -- | -- | -- | -- |
| MW-1 | 04/26/06 | 103.8 | 15.30 | 89.14 | 380 | **9,000** | <500 | **30** | 2.0 | 28 | 83 | -- | -- | -- | -- | -- | -- |
| MW-1 | 07/26/06 | 103.8 | 13.96 | 90.48 | <48 | 130 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-1 | 10/18/06 | 103.8 | 14.51 | 89.93 | <48 | 310 | <98 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-1 | 01/23/07 | 103.8 | 19.01 | 85.43 | <48 | **3,800** | <500 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-1 | 04/19/07 | 103.8 | 18.75 | 85.69 | 62 | **2,410** | <490 | 1.50 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-1 | 07/17/07 | 103.8 | 14.12 | 89.68 | <50 | 400 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-1 | 10/15/07 | 103.8 | | | | | | | Unable to open | | | | | | | | |
| MW-1 | 01/16/08 | 103.8 | | | | | | | Unable to open | | | | | | | | |
| MW-1 | 04/17/08 | 103.8 | 19.78 | 84.02 | <50 | 290 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-1 | 10/15/08 | 103.8 | Unable to gauge | | <50 | <78 | <98 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-1 | 04/08/09 | 103.8 | 21.20 | 82.60 | 439 | 400 | <410 | 1.4 | <1.0 | 1.6 | 8.2 | <1.0 | <1.0 | <0.010 | 8.02 | 6.26 | -- |
| MW-1 | 06/24/09 | 103.8 | 14.35 | 89.45 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-1 | 09/21/09 | 103.8 | 13.75 | 90.05 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-1 | 11/30/09 | 103.8 | 16.54 | 87.26 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-1 | 03/02/10 | 103.8 | 19.83 | 83.97 | 299 | 228 | 98.5 J | **80.9** | 1.1 | 7.5 | 13.0 | -- | -- | -- | -- | -- | -- |
| MW-1 | 06/14/10 | 103.8 | 14.87 | 88.93 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-1 | 08/30/10 | 103.8 | 13.13 | 90.67 | <50.0 | <79.2 | <396 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-1 | 12/14/10 | 103.8 | 16.54 | 87.26 | <50.0 | 256 | <396 | **76.3** | <1.0 | 3.9 | 9.3 | -- | -- | -- | -- | -- | -- |
| MW-1 | 03/21/11 | 103.8 | 20.37 | 83.43 | <50.0 | 78.5 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-1 | 05/19/11 | 103.8 | 15.93 | 87.87 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-1 | 09/08/11 | 103.8 | 13.35 | 90.45 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-1 | 12/28/11[b] | 103.8 | 18.22 | 85.58 | <50 | <30 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-1 | 03/08/12 | 103.8 | 21.09 | 82.71 | <50 | <29 | <67 | 0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-1 | 06/27/12 | 103.8 | 13.78 | 90.02 | <50 | <28 | <66 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-1 | 09/04/12 | 103.8 | 12.90 | 90.90 | <50 | <29 | <68 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-1 | 11/27/12 | 103.8 | 15.80 | 88.00 | 130 | **1,100** | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-1 | 03/25/13 | 103.8 | 22.10 | 81.70 | <50 | <32 | <74 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-1 | 06/13/13 | 103.8 | 16.10 | 87.70 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-1 | 09/23/13 | 103.8 | 14.00 | 89.80 | <50 | <30 | <69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-1 | 12/12/13 | 103.8 | 17.30 | 86.50 | <50 | <30 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-1 | 04/09/14 | 103.8 | | | | | | | Well was dry | | | | | | | | |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-1 | 06/25/14 | 103.8 | | | | | | | Well was dry | | | | | | | | |
| MW-1 | 09/24/14 | 103.8 | | | | | | | Well was dry | | | | | | | | |
| MW-1 | 12/28/15 | 103.8 | | | | | | | Unable to locate | | | | | | | | |
| MW-2 | 07/14/89 | 105.98 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-2 | 05/23/91 | 105.76 | 14.12 | 91.86 | <1,000 | <1,000 | -- | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-2 | 09/25/91 | 105.76 | 18.91 | 87.07 | <1,000 | <1,000 | <1,000 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-2 | 09/28/98 | 105.76 | 14.52 | 91.46 | <50 | <250 | <500 | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- | -- |
| MW-2 | 03/24/99 | 105.76 | 22.45 | 83.53 | <50 | <250 | <500 | <0.5 | <0.5 | <0.5 | <1.0 | <5.00 | -- | -- | -- | -- | -- |
| MW-2 | 03/22/00 | 105.76 | 22.25 | 83.73 | <50.0 | **5,660** | <500 | <0.500 | <0.500 | <0.500 | <1.00 | <5.00 | -- | -- | -- | -- | -- |
| MW-2 | 09/14/00 | 105.76 | 14.43 | 91.55 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-2 | 04/12/01 | 105.76 | 21.01 | 84.97 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-2 | 09/12/01 | 105.76 | 14.44 | 91.54 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-2 | 03/20/02 | 105.76 | 19.80 | 86.18 | <100 | <250 | <500 | <0.500 | <2.00 | <1.00 | <1.50 | <5.00 | -- | -- | -- | -- | -- |
| MW-2 | 09/25/02 | 105.76 | 14.63 | 91.35 | <100 | <250 | <500 | <0.500 | <2.00 | <1.00 | <1.50 | -- | -- | -- | -- | -- | -- |
| MW-2 | 03/11/03 | 105.76 | 18.20 | 87.78 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-2 | 07/31/03 | 105.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-2 | 09/23/03 | 105.76 | 14.79 | 91.19 | <50 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-2 | 03/09/04 | 105.76 | 21.73 | 84.25 | <100 | <119 | <238 | <1.00 | <1.00 | <1.00 | <2.00 | -- | -- | -- | -- | -- | -- |
| MW-2 | 08/24/04 | 105.76 | 14.48 | 91.50 | <100 | <247 | <494 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-2 | 04/07/05 | 105.76 | | | | | | | Well covered by drums | | | | | | | | |
| MW-2 | 06/16/05 | 105.76 | 16.75 | 89.23 | <100 | <271 | <542 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-2 | 09/27/05 | 105.76 | 14.70 | 91.28 | <48 | <82 | <100 | <0.2 | <0.2 | <0.2 | <0.6 | -- | -- | -- | -- | -- | -- |
| MW-2 | 12/06/05 | 105.76 | 18.01 | 87.97 | <48 | 93 | 180 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-2 | 02/03/06 | 105.76 | 19.68 | 86.30 | <48 | <82 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-2 | 04/26/06 | 105.76 | 15.62 | 90.36 | <48 | <77 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-2 | 07/26/06 | 105.76 | 14.25 | 91.73 | <48 | 190 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-2 | 10/18/06 | 105.76 | 14.95 | 91.03 | <48 | <79 | <99 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-2 | 01/23/07 | 105.76 | 19.97 | 86.01 | <48 | <79 | <99 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-2 | 04/19/07 | 105.76 | | | | | | | Not sampled | | | | | | | | |
| MW-2 | 07/17/07 | 105.76 | 14.35 | 91.41 | <50 | <77 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-2 | 10/16/07 | 105.76 | 14.47 | 91.29 | <50 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-2 | 01/16/08 | 105.76 | | | | | | | Unable to locate | | | | | | | | |
| MW-2 | 04/17/08 | 105.76 | 19.74 | 86.02 | <50 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-2 | 10/15/08 | 105.76 | 14.25 | 91.51 | <50 | <77 | <97 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-2 | 04/08/09 | 105.76 | 23.29 | 82.47 | | | | | | Insufficient water to sample | | | | | | | |
| MW-2 | 06/24/09 | 105.76 | 14.95 | 90.81 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-2 | 09/21/09 | 105.76 | 14.25 | 91.51 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-2 | 11/30/09 | 105.76 | 17.36 | 88.40 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-2 | 03/02/10 | 105.76 | 21.10 | 84.66 | 16.4 J | 38.3 J | <59.2 | <0.12 | <0.21 | <0.20 | 2.3 J | -- | -- | -- | -- | -- | -- |
| MW-2 | 06/14/10 | 105.76 | 15.28 | 90.48 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-2 | 08/30/10 | 105.76 | 13.83 | 91.93 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-2 | 12/14/10 | 105.76 | | | | | | | Inaccessible | | | | | | | | |
| MW-2 | 03/27/11 | 105.76 | | | | | | | Inaccessible | | | | | | | | |
| MW-2 | 05/19/11 | 105.76 | | | | | | | Inaccessible | | | | | | | | |
| MW-2 | 09/08/11 | 105.76 | 13.90 | 91.86 | <50 | <28 | <66 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-2 | 12/28/11[b] | 105.76 | 19.20 | 86.56 | <50 | <30 | <69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-2 | 03/08/12 | 105.76 | 22.36 | 83.40 | <50 | <28 | <66 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-2 | 06/27/12 | 105.76 | 14.16 | 91.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-2 | 07/12/12[c] | 105.76 | 13.86 | 91.90 | <50 | <29 | <68 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-2 | 09/04/12 | 105.76 | 13.49 | 92.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-2 | 11/27/12 | 105.76 | 16.42 | 89.34 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-2 | 03/25/13 | 105.76 | | | | | | | Well was dry | | | | | | | | |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-2 | 06/13/13 | 105.76 | 16.83 | 88.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-2 | 09/23/13 | 105.76 | 14.60 | 91.16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-2 | 12/12/13 | 105.76 | 18.04 | 87.72 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-2 | 04/09/14 | 105.76 | | | | | | | Well was dry | | | | | | | | |
| MW-2 | 06/25/14 | 105.76 | | | | | | | Well was dry | | | | | | | | |
| MW-2 | 09/24/14 | 105.76 | | | | | | | Well was dry | | | | | | | | |
| MW-2 | 12/28/15 | 105.76 | | | | | | | Well was dry | | | | | | | | |
| MW-3 | 07/14/89 | 104.66 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-3 | 05/23/91 | 104.32 | 13.37 | 91.29 | <1,000 | <1,000 | -- | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-3 | 09/25/91 | 104.32 | 17.98 | 86.68 | <1,000 | <1,000 | <1,000 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-3 | 09/28/98 | 104.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-3 | 03/24/99 | 104.32 | 21.20 | 83.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-3 | 04/28/99 | 104.32 | 18.30 | 86.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-3 | 03/22/00 | 104.32 | 20.50 | 84.16 | **6,300** | <250 | <500 | **392** | **1,160** | 206 | 930 | <50.0 | -- | -- | -- | -- | -- |
| MW-3 | 09/14/00 | 104.32 | 13.22 | 91.44 | **3,660** | **728** | <500 | **158** | 339 | 150 | 526 | -- | -- | -- | -- | -- | -- |
| MW-3 | 04/12/01 | 104.32 | 19.6 | 85.06 | **10,400** | **3,400** | <500 | **281** | **1,090** | 278 | **1,190** | -- | -- | -- | -- | -- | -- |
| MW-3 | 09/12/01 | 104.32 | 13.21 | 91.45 | **1,180** | **552** | <500 | **48.4** | 13.5 | 31.7 | 50.3 | -- | -- | -- | -- | -- | -- |
| MW-3 | 03/20/02 | 104.32 | 18.35 | 86.31 | **45,600** | 491 | <500 | **1,060** | **6,150** | **1,460** | **6,720** | <2.00 | -- | -- | -- | -- | -- |
| MW-3 | 09/25/02 | 104.32 | 13.32 | 91.34 | **1,070** | <250 | <500 | **50.9** | 20.4 | 37.6 | 89.5 | -- | -- | -- | -- | -- | -- |
| MW-3 | 03/11/03 | 104.32 | 16.44 | 88.22 | **1,660** | **509** | <500 | **21.8** | 76.9 | 50.4 | 206 | -- | -- | -- | -- | -- | -- |
| MW-3 | 07/31/03 | 104.32 | 13.21 | 91.45 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-3 | 03/09/04 | 104.32 | 20.22 | 84.44 | **54,800** | **1,300** | <256 | **1,180** | **11,000** | **1,010** | **5,340** | -- | -- | -- | -- | -- | -- |
| MW-3 | 08/24/04 | 104.32 | 13.35 | 91.31 | **16,600** | **5,760** | <499 | **56** | 122 | 152 | **1,309** | -- | -- | -- | -- | -- | -- |
| MW-3 | 04/07/05 | 104.32 | 22.38 | 82.28 | **54,500** | <244 | <487 | **517** | **8,650** | **1,010** | **7,910** | -- | -- | -- | -- | -- | -- |
| MW-3 | 06/16/05 | 104.32 | 15.50 | 89.16 | **48,000** | **85,800** | <5,140 | **81.1** | 976 | **1,250** | **7,760** | -- | -- | -- | -- | -- | -- |
| MW-3 | 09/27/05 | 104.32 | 13.44 | 91.22 | **6,200** | **9,200** | <2,000 | **30** | 64 | 110 | 360 | -- | -- | -- | -- | -- | -- |
| MW-3 | 12/06/05 | 104.32 | 16.49 | 88.17 | **2,800** | **4,900** | <970 | **19** | 25 | 40 | 150 | -- | -- | -- | -- | -- | -- |
| MW-3 | 02/03/06 | 104.32 | 18.28 | 86.38 | **42,000** | **3,900** | <540 | **460** | **2,400** | **1,800** | **7,900** | -- | -- | -- | -- | -- | -- |
| MW-3 | 04/26/06 | 104.32 | 14.09 | 90.57 | 470 | **570** | 380 | <0.5 | <0.7 | 4.0 | 26 | -- | -- | -- | -- | -- | -- |
| MW-3 | 07/26/06 | 104.32 | 13.08 | 91.58 | **5,400** | 180 | 100 | **60** | 290 | 190 | 660 | -- | -- | -- | -- | -- | -- |
| MW-3 | 10/18/06 | 104.32 | 13.77 | 90.39 | **1,000** | 140 | <98 | **5** | 26 | 25 | 86 | -- | -- | -- | -- | -- | -- |
| MW-3 | 01/23/07 | 104.32 | 18.45 | 86.21 | **10,000** | **2,400** | <490 | **180** | 250 | 260 | **1,400** | -- | -- | -- | -- | -- | -- |
| MW-3 | 04/19/07 | 104.32 | 18.27 | 86.39 | **3,850** | 400 | <98 | **11.8** | 131 | 158 | 864 | -- | -- | -- | -- | -- | -- |
| MW-3 | 07/17/07 | 104.32 | 13.21 | 91.11 | **6,300** | **860** | <99 | **13.0** | 24 | 140 | 710 | -- | -- | -- | -- | -- | -- |
| MW-3 | 10/16/07 | 104.32 | 13.27 | 91.05 | **2,300** | 220 | <95 | 3 | 2 | 43 | 32 | -- | -- | -- | -- | -- | -- |
| MW-3 | 01/16/08 | 104.32 | | | | | | | Unable to open | | | | | | | | |
| MW-3 | 04/17/08 | 104.32 | 19.30 | 85.02 | 470 | <76 | <95 | **6** | 8 | 2 | 52 | -- | -- | -- | -- | -- | -- |
| MW-3 | 10/15/08 | 104.32 | 13.11 | 91.21 | 320 | <78 | <97 | 0.6 | <0.7 | 8 | 4 | -- | -- | -- | -- | -- | -- |
| MW-3 | 04/08/09 | 104.32 | 21.85 | 82.47 | | | | | | Insufficient water to sample | | | | | | | |
| MW-3 | 06/24/09 | 104.32 | 13.70 | 90.62 | 251 B+, C0 | 66 J | <39 | <1.0 | 1.5 | 3.1 | 51.8 | -- | -- | -- | -- | -- | -- |
| MW-3 | 09/21/09 | 104.32 | 13.24 | 91.08 | <50.0 | <78 | 100 J | <1.0 | <1.0 | <1.0 | 0.15 J | -- | -- | -- | -- | -- | -- |
| MW-3 | 11/30/09 | 104.32 | 16.06 | 88.26 | <50.0 2n, Z2 | 41J | <380 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-3 | 03/02/10 | 104.32 | 19.70 | 84.62 | **20,700** | **945** | 255 J | **150** | **1,470** | 654 | **6,710** | -- | -- | -- | -- | -- | -- |
| MW-3 | 06/15/10 | 104.32 | 13.91 | 90.41 | 171 | 283 | <392 | <1.0 | <1.0 | 1.8 | 25.0 | -- | -- | -- | -- | -- | -- |
| MW-3 | 08/31/10 | 104.32 | 12.91 | 91.41 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-3 | 12/15/10 | 104.32 | 16.18 | 88.14 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-3 | 03/21/11 | 104.32 | 20.38 | 83.94 | **7,790** | **810** | <392 | **28.9** | 344 | 275 | **1,940** | -- | -- | -- | -- | -- | -- |
| MW-3 | 05/20/11 | 104.32 | 15.45 | 88.87 | 56.4 | <78.4 | <392 | <1.0 | <1.0 | 1.2 | 9.5 | -- | -- | -- | -- | -- | -- |
| MW-3 | 09/08/11 | 104.32 | 13.02 | 91.30 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-3 | 12/28/11[b] | 104.32 | 17.86 | 86.46 | **870** | **530** | <140 | 3 | <0.5 | <0.5 | 55 | -- | -- | -- | -- | -- | <50 |
| MW-3 | 03/09/12 | 104.32 | 20.75 | 83.57 | **3,300** | 290 | <67 | <1 | <1 | <1 | <1 | -- | -- | -- | -- | -- | <100 |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-3 | 06/27/12 | 104.32 | 13.19 | 91.13 | <50 | <28 | <66 | <0.5 | <0.5 | <0.5 | 1 | -- | -- | -- | -- | -- | <50 |
| MW-3 | 09/04/12 | 104.32 | 12.71 | 91.61 | <50 | <30 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-3 | 11/27/12 | 104.32 | 15.22 | 89.10 | <50 | <35 | <82 | <0.5 | 0.6 | <0.5 | 2 | -- | -- | -- | -- | -- | <50 |
| MW-3 | 03/25/13 | 104.32 | 21.78 | 82.54 | 580 | 32 | <67 | <0.5 | 1 | 5 | 140 | -- | -- | -- | -- | -- | <50 |
| MW-3 | 06/13/13 | 104.32 | 15.65 | 88.67 | <50 | <29 | <68 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-3 | 09/23/13 | 104.32 | 13.50 | 90.82 | <50 | 40 | <73 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-3 | 12/12/13 | 104.32 | 16.61 | 87.71 | 110 | <30 | <70 | <0.5 | 2 | 3 | 27 | -- | -- | -- | -- | -- | <50 |
| MW-3 | 04/09/14 | 104.32 | | | | | | | Well was dry | | | | | | | | |
| MW-3 | 06/25/14 | 104.32 | | | | | | | Well was dry | | | | | | | | |
| MW-3 | 09/24/14 | 104.32 | | | | | | | Well was dry | | | | | | | | |
| MW-3 | 12/28/15 | 104.32 | | | | | | | Well was dry | | | | | | | | |
| MW-4 | 07/14/89 | 104.12 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-4 | 05/23/91 | 103.83 | 16.25 | 87.87 | <1,000 | <1,000 | -- | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-4 | 09/25/91 | 103.83 | 19.86 | 84.26 | <1,000 | <1,000 | <1,000 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | -- |
| MW-4 | 09/28/98 | 103.83 | 15.79 | 88.33 | <50 | <250 | <500 | 1 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- | -- |
| MW-4 | 03/24/99 | 103.83 | 22.82 | 81.30 | <50 | <250 | <500 | <0.5 | <0.5 | <0.5 | <1.0 | <5.00 | -- | -- | -- | -- | -- |
| MW-4 | 03/22/00 | 103.83 | 22.45 | 81.67 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | <5.00 | -- | -- | -- | -- | -- |
| MW-4 | 09/14/00 | 103.83 | 15.50 | 88.62 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-4 | 04/12/01 | 103.83 | 21.68 | 82.44 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-4 | 09/12/01 | 103.83 | 15.55 | 88.57 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-4 | 03/20/02 | 103.83 | 20.78 | 83.34 | <100 | <250 | <500 | <0.500 | <2.00 | <1.00 | <1.50 | <5.00 | -- | -- | -- | -- | -- |
| MW-4 | 09/25/02 | 103.83 | 15.58 | 88.54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 03/11/03 | 103.83 | 19.55 | 84.57 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 07/31/03 | 103.83 | 15.45 | 88.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 09/23/03 | 103.83 | 15.80 | 88.32 | <50 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-4 | 03/09/04 | 103.83 | 21.80 | 82.32 | <100 | <118 | <236 | <1.00 | <1.00 | <1.00 | <2.00 | -- | -- | -- | -- | -- | -- |
| MW-4 | 08/24/04 | 103.83 | 15.60 | 88.52 | <100 | <248 | <497 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-4 | 04/07/05 | 103.83 | 23.56 | 80.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 06/16/05 | 103.83 | 17.78 | 86.34 | <100 | <253 | <506 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-4 | 09/27/05 | 103.83 | 16.05 | 88.07 | <48 | 170 | <100 | <0.2 | <0.2 | <0.2 | <0.6 | -- | -- | -- | -- | -- | -- |
| MW-4 | 12/06/05 | 103.83 | | | | | | | Well not located under ice and snow. | | | | | | | | |
| MW-4 | 02/03/06 | 103.83 | 20.35 | 83.77 | <48 | <79 | <99 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-4 | 04/26/06 | 103.83 | 18.41 | 85.71 | <48 | <79 | 100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-4 | 07/26/06 | 103.83 | 15.98 | 88.14 | <48 | <80 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-4 | 10/18/06 | 103.83 | 16.40 | 87.72 | <48 | <79 | 190 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-4 | 01/23/07 | 103.83 | 20.93 | 83.19 | <48 | <81 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-4 | 04/19/07 | 103.83 | | | | | | | Not Sampled | | | | | | | | |
| MW-4 | 07/17/07 | 103.83 | 15.60 | 88.23 | <50 | 110 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-4 | 10/16/07 | 103.83 | 15.40 | 88.43 | <50 | <78 | <97 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-4 | 01/16/08 | 103.83 | 20.16 | 83.67 | <50 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-4 | 04/17/08 | 103.83 | 19.44 | 84.39 | <50 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-4 | 10/15/08 | 103.83 | 15.52 | 88.31 | <50 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-4 | 04/08/09 | 103.83 | 22.97 | 80.86 | | | | | | Insufficient water to sample | | | | | | | |
| MW-4 | 06/24/09 | 103.83 | 16.08 | 87.75 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-4 | 09/21/09 | 103.83 | 15.36 | 88.47 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-4 | 11/30/09 | 103.83 | 18.13 | 85.70 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-4 | 03/01/10 | 103.83 | 21.15 | 82.68 | 14.8 J | 71.8 J | 179 J | <0.12 | 0.21 J | 0.56 J | 1.4 J | -- | -- | -- | -- | -- | -- |
| MW-4 | 06/14/10 | 103.83 | 17.00 | 86.83 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-4 | 08/30/10 | 103.83 | 14.89 | 88.94 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-4 | 12/14/10 | 103.83 | 17.98 | 85.85 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-4 | 03/21/11 | 103.83 | 21.60 | 82.23 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-4 | 05/19/11 | 103.83 | 17.45 | 86.38 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-4 | 09/08/11 | 103.83 | 14.99 | 88.84 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-4 | 12/28/11[b] | 103.83 | 19.60 | 84.23 | <50 | <29 | <68 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-4 | 03/08/12 | 103.83 | 22.34 | 81.49 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-4 | 06/27/12 | 103.83 | 15.97 | 87.86 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 07/12/12[c] | 103.83 | 15.31 | 88.52 | <50 | 30 | <69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-4 | 09/04/12 | 103.83 | 14.31 | 89.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 11/27/12 | 103.83 | 18.07 | 85.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 03/25/13 | 103.83 | 23.13 | 80.70 | Insufficient water to sample | | | | | | | | | | | | |
| MW-4 | 06/13/13 | 103.83 | 17.90 | 85.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 09/23/13 | 103.83 | 16.00 | 87.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 12/12/13 | 103.83 | 19.74 | 84.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-4 | 04/09/14 | 103.83 | | | Well was dry | | | | | | | | | | | | |
| MW-4 | 06/25/14 | 103.83 | | | Well was dry | | | | | | | | | | | | |
| MW-4 | 09/24/14 | 103.83 | | | Well was dry | | | | | | | | | | | | |
| MW-4 | 12/28/15 | 103.83 | | | Unable to locate | | | | | | | | | | | | |
| MW-5 | 03/24/99 | 104.69 | 22.63 | 82.06 | <50 | <250 | <500 | <0.5 | <0.5 | <0.5 | <1.0 | <5.00 | -- | -- | -- | -- | -- |
| MW-5 | 03/22/00 | 104.69 | 22.33 | 82.36 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | <5.00 | -- | -- | -- | -- | -- |
| MW-5 | 09/14/00 | 104.69 | 14.28 | 90.41 | 184 | 417 | <500 | **36.2** | <0.500 | 7.81 | 1.48 | -- | -- | -- | -- | -- | -- |
| MW-5 | 04/12/01 | 104.69 | 21.68 | 83.01 | <50.0 | 310 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-5 | 09/12/01 | 104.69 | 14.75 | 89.94 | 52.2 | <250 | <500 | **12.1** | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-5 | 03/20/02 | 104.69 | 21.09 | 83.60 | <100 | <250 | <500 | <0.500 | <2.00 | <1.00 | <1.50 | <2.00 | -- | -- | -- | -- | -- |
| MW-5 | 09/25/02 | 104.69 | 15.42 | 89.27 | <100 | <250 | <500 | 0.888 | <2.00 | <1.00 | <1.50 | -- | -- | -- | -- | -- | -- |
| MW-5 | 03/11/03 | 104.69 | 19.85 | 84.84 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-5 | 07/31/03 | 104.69 | 15.37 | 89.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-5 | 09/23/03 | 104.69 | 15.58 | 89.11 | <50 | <250 | <500 | **5.08** | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-5 | 03/09/04 | 104.69 | 21.85 | 82.84 | <100 | <118 | <236 | <1 | <1.00 | <1.00 | <2.00 | -- | -- | -- | -- | -- | -- |
| MW-5 | 08/24/04 | 104.69 | 15.48 | 89.21 | <100 | <246 | <492 | 4.63 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-5 | 04/07/05 | 104.69 | 23.82 | 80.87 | 515 | **629** | <505 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-5 | 06/16/05 | 104.69 | 19.80 | 84.39 | <100 | <251 | <501 | <1.0 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-5 | 09/27/05 | 104.69 | 15.89 | 88.80 | <48 | 290 | <98 | **9.1** | <0.2 | <0.2 | <0.6 | -- | -- | -- | -- | -- | -- |
| MW-5 | 12/06/05 | 104.69 | 19.20 | 85.49 | 57 | 95 | 160 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-5 | 02/03/06 | 104.69 | 20.58 | 84.11 | <48 | <160 | <200 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-5 | 04/26/06 | 104.69 | 18.35 | 86.34 | <48 | **760** | 150 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-5 | 07/26/06 | 104.69 | 15.87 | 88.82 | <48 | **670** | 260 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-5 | 10/18/06 | 104.69 | 16.23 | 88.46 | <48 | 180 | 390 | 0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-5 | 01/23/07 | 104.69 | 21.08 | 83.61 | <48 | 110 | 190 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-5 | 04/19/07 | 104.69 | 21.55 | 83.14 | <50 | <81 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-5 | 07/17/07 | 104.3 | 15.76 | 88.54 | <50 | **780** | 290 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-5 | 10/16/07 | 104.3 | 15.56 | 88.74 | 320 | 200 | <95 | **24** | 0.7 | 15 | 35 | -- | -- | -- | -- | -- | -- |
| MW-5 | 01/16/08 | 104.3 | 20.75 | 83.55 | <50 | <75 | <94 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-5 | 04/17/08 | 104.3 | 22.58 | 81.72 | 81 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-5 | 10/15/08 | 104.3 | 15.60 | 88.70 | 190 | 160 | <96 | **10** | <0.7 | 4 | 24 | -- | -- | -- | -- | -- | -- |
| MW-5 | 04/08/09 | 104.3 | 23.19 | 81.11 | <50.0 | <83 | <420 | <1.0 | <1.0 | <1.0 | <3.0 | <1.0 | <1.0 | <0.010 | <1.00 | <1.00 | -- |
| MW-5 | 06/24/09 | 104.3 | 15.20 | 89.10 | 42.9 J | <79 | <400 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-5 | 09/21/09 | 104.3 | 15.16 | 89.14 | 43.3 J | <78 | <390 | <1.0 | <1.0 | <1.0 | 1.6 J | -- | -- | -- | -- | -- | -- |
| MW-5 | 11/30/09 | 104.3 | 18.50 | 85.80 | <50.0 2n,Z2 | 56J | <380 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-5 | 03/02/10 | 104.3 | 21.60 | 82.70 | <13.4 | 41.6J | <58.4 | <0.12 | <0.21 | <0.20 | 4.9 | -- | -- | -- | -- | -- | -- |
| MW-5 | 06/15/10 | 104.3 | 17.10 | 87.20 | <50.0 | 160 | <396 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-5 | 08/31/10 | 104.3 | 13.80 | 90.50 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-5 | 12/15/10 | 104.3 | 18.62 | 85.68 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-5 | 03/21/11 | 104.3 | 22.09 | 82.21 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-5 | 05/20/11 | 104.3 | 17.92 | 86.38 | <50.0 | 83.0 | <396 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-5 | 09/08/11 | 104.3 | 14.89 | 89.41 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-5 | 12/28/11[b] | 104.3 | 20.16 | 84.14 | <50 | <30 | <69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-5 | 03/08/12 | 104.3 | 22.78 | 81.52 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-5 | 06/27/12 | 104.3 | 15.62 | 88.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-5 | 07/12/12[c] | 104.3 | 15.28 | 89.02 | <50 | 100 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-5 | 09/04/12 | 104.3 | 13.90 | 90.40 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-5 | 11/27/12 | 104.3 | 17.11 | 87.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-5 | 03/25/13 | 104.3 | 23.88 | 80.42 | Insufficient water to sample | | | | | | | | | | | | |
| MW-5 | 06/13/13 | 104.3 | 18.50 | 85.80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-5 | 09/23/13 | 104.3 | 16.20 | 88.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-5 | 12/12/13 | 104.3 | 19.90 | 84.40 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-5 | 04/09/14 | 104.3 | | | Well was dry | | | | | | | | | | | | |
| MW-5 | 06/25/14 | 104.3 | | | Well was dry | | | | | | | | | | | | |
| MW-5 | 09/24/14 | 104.3 | | | Well was dry | | | | | | | | | | | | |
| MW-5 | 12/28/15 | 104.3 | | | Unable to locate | | | | | | | | | | | | |
| MW-6 | 03/24/99 | 105.03 | 23.72 | 81.31 | <50 | <250 | <500 | <0.5 | <0.5 | <0.5 | <1.0 | <5.00 | -- | -- | -- | -- | -- |
| MW-6 | 03/22/00 | 105.03 | 23.50 | 81.53 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | <5.00 | -- | -- | -- | -- | -- |
| MW-6 | 09/14/00 | 105.03 | 16.13 | 88.90 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-6 | 04/12/01 | 105.03 | 22.76 | 82.27 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-6 | 09/12/01 | 105.03 | 16.24 | 88.79 | <50.0 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-6 | 03/20/02 | 105.03 | 22.09 | 82.94 | <100 | <250 | <500 | <0.500 | <2.00 | <1.00 | <1.50 | <5.00 | -- | -- | -- | -- | -- |
| MW-6 | 09/25/02 | 105.03 | 16.28 | 88.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-6 | 03/11/03 | 105.03 | 20.79 | 84.24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-6 | 07/31/03 | 105.03 | 16.26 | 88.77 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-6 | 09/23/03 | 105.03 | 16.53 | 88.50 | <50 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-6 | 03/09/04 | 105.03 | 22.90 | 82.16 | <100 | <136 | <272 | <1.00 | <1.00 | <1.00 | <2.00 | -- | -- | -- | -- | -- | -- |
| MW-6 | 08/24/04 | 105.03 | 16.25 | 88.78 | <100 | <249 | <499 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-6 | 04/07/05 | 105.03 | 24.70 | 80.33 | <100 | <250 | <499 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-6 | 06/16/05 | 105.03 | 18.60 | 86.43 | <100 | <258 | <515 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-6 | 09/27/05 | 105.03 | 16.69 | 88.34 | <48 | 14 | <100 | <0.2 | <0.2 | <0.2 | <0.6 | -- | -- | -- | -- | -- | -- |
| MW-6 | 12/06/05 | 105.03 | 20.05 | 84.98 | <48 | <160 | <200 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-6 | 02/03/06 | 105.03 | 21.32 | 83.71 | <48 | <79 | <99 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-6 | 04/26/06 | 105.03 | 19.42 | 85.61 | <48 | -- | -- | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-6 | 07/26/06 | 105.03 | 16.80 | 88.23 | <48 | 140 | 100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-6 | 10/18/06 | 105.03 | 17.25 | 87.78 | <48 | <79 | <98 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-6 | 01/23/07 | 105 | 21.94 | 83.09 | <48 | <81 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-6 | 04/19/07 | 105 | 22.77 | 82.26 | <50 | <84 | <110 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-6 | 07/17/07 | 105 | 16.57 | 88.43 | <50 | 130 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-6 | 10/15/07 | 105 | 17.87 | 87.13 | <50 | <78 | <97 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-6 | 01/16/08 | 105 | | | Unable to locate | | | | | | | | | | | | |
| MW-6 | 10/15/08 | 105 | 16.93 | 88.07 | <50 | <76 | <94 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-6 | 04/08/09 | 105 | 24.25 | 80.75 | <50.0 | <82 | <410 | <1.0 | <1.0 | <1.0 | <3.0 | <1.0 | <1.0 | <0.010 | <1.00 | <1.00 | -- |
| MW-6 | 06/24/09 | 105 | 18.03 | 86.97 | Gauge only this quarter. | | | | | | | | | | | | |
| MW-6 | 09/21/09 | 105 | 16.62 | 88.38 | Gauge only this quarter. | | | | | | | | | | | | |
| MW-6 | 11/30/09 | 105 | 19.65 | 85.35 | Gauge only this quarter. | | | | | | | | | | | | |
| MW-6 | 03/01/10 | 105 | 22.55 | 82.45 | <13.4 | 43.6 J | <58.7 | <0.12 | <0.21 | <0.20 | 1.6 J | -- | -- | -- | -- | -- | -- |
| MW-6 | 06/14/10 | 105 | 18.45 | 86.55 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-6 | 08/30/10 | 105 | 15.79 | 89.21 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-6 | 12/14/10 | 105 | 19.68 | 85.32 | <50.0 | 151 | <400 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-6 | 03/21/11 | 105 | 23.04 | 81.96 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-6 | 05/19/11 | 105 | 18.98 | 86.02 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-6 | 09/08/11 | 105 | 16.21 | 88.79 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-6 | 12/28/11[b] | 105 | 21.11 | 83.89 | <50 | 30 | <69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-6 | 03/08/12 | 105 | 23.77 | 81.23 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-6 | 06/27/12 | 105 | 17.57 | 87.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-6 | 07/12/12[c] | 105 | 16.72 | 88.28 | <50 | 140 | 72 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-6 | 09/04/12 | 105 | 15.30 | 89.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-6 | 11/27/12 | 105 | 19.21 | 85.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-6 | 03/25/13 | 105 | 24.95 | 80.05 | <50 | <32 | <74 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-6 | 06/13/13 | 105 | 19.60 | 85.40 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-6 | 09/23/13 | 105 | 17.40 | 87.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-6 | 12/12/13 | 105 | 20.15 | 84.85 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-6 | 04/09/14 | 105 | | | | | | | Well was dry | | | | | | | | |
| MW-6 | 06/25/14 | 105 | | | | | | | Well was dry | | | | | | | | |
| MW-6 | 09/24/14 | 105 | | | | | | | Well was dry | | | | | | | | |
| MW-6 | 12/28/15 | 105 | | | | | | | Unable to locate | | | | | | | | |
| MW-7 | 07/31/03 | 105.41 | 13.51 | 91.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-7 | 09/23/03 | 104.73 | 13.72 | 91.69 | <50 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-7 | 03/09/04 | 104.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-7 | 08/24/04 | 104.73 | 13.60 | 91.81 | <100 | <277 | <555 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-7 | 04/07/05 | 104.73 | 22.93 | 82.48 | <100 | **2,910** | <561 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-7 | 06/16/05 | 104.73 | 15.95 | 89.46 | <100 | <253 | <507 | <1 | <1 | <1 | <2 | -- | -- | -- | -- | -- | -- |
| MW-7 | 09/27/05 | 104.73 | 13.76 | 91.65 | <48 | <79 | <99 | <0.2 | <0.2 | <0.2 | <0.6 | -- | -- | -- | -- | -- | -- |
| MW-7 | 12/06/05 | 104.73 | 17.10 | 88.31 | <48 | <160 | <200 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-7 | 02/03/06 | 104.73 | 18.89 | 86.52 | <48 | <82 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-7 | 04/26/06 | 104.73 | 14.68 | 90.73 | <48 | <78 | 160 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-7 | 07/26/06 | 104.73 | 14.29 | 91.12 | <48 | <79 | <98 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-7 | 10/18/06 | 104.73 | 14.05 | 91.36 | <48 | <78 | 220 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-7 | 01/23/07 | 104.73 | 19.15 | 86.26 | <48 | <80 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-7 | 04/19/07 | 104.73 | | | | | | | Not sampled | | | | | | | | |
| MW-7 | 07/17/07 | 104.73 | 13.50 | 91.23 | <50 | <78 | <97 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-7 | 10/15/07 | 104.73 | | | | | | | Unable to open | | | | | | | | |
| MW-7 | 01/16/08 | 104.73 | | | | | | | Unable to open | | | | | | | | |
| MW-7 | 04/17/08 | 104.73 | | | | | | | Well was dry | | | | | | | | |
| MW-7 | 10/15/08 | 104.73 | | | | | | | Well was dry | | | | | | | | |
| MW-7 | 04/08/09 | 104.73 | | | | | | | Well was dry | | | | | | | | |
| MW-7 | 06/24/09 | 104.73 | | | | | | | Well was dry | | | | | | | | |
| MW-7 | 09/21/09 | 104.73 | 13.15 | 91.58 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-7 | 11/30/09 | 104.73 | 16.35 | 88.38 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-7 | 03/02/10 | 104.73 | 20.05 | 84.68 | 14.6 J | 39.6 J | <58.7 | <0.12 | <0.21 | <0.20 | 4.9 | -- | -- | -- | -- | -- | -- |
| MW-7 | 06/14/10 | 104.73 | 14.12 | 90.61 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-7 | 08/31/10 | 104.73 | 12.65 | 92.08 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-7 | 12/15/10 | 104.73 | 16.50 | 88.23 | <50.0 | 158 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-7 | 03/21/11 | 104.73 | 20.73 | 84.00 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-7 | 05/19/11 | 104.73 | 15.69 | 89.04 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-7 | 09/08/11 | 104.73 | 12.79 | 91.94 | <50 | <28 | <66 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-7 | 12/28/11[b] | 104.73 | 18.20 | 86.53 | <50 | <30 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-7 | 03/08/12 | 104.73 | 21.12 | 83.61 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-7 | 06/27/12 | 104.73 | 13.02 | 91.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-7 | 07/12/12[c] | 104.73 | 12.71 | 92.02 | <50 | <29 | <68 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-7 | 09/04/12 | 104.73 | 12.35 | 92.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-7 | 11/27/12 | 104.73 | 15.43 | 89.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-7 | 03/25/13 | 104.73 | 22.11 | 82.62 | <50 | <31 | <72 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-7 | 06/13/13 | 104.73 | 15.80 | 88.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-7 | 09/23/13 | 104.73 | 13.70 | 91.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-7 | 12/12/13 | 104.73 | 17.00 | 87.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-7 | 04/09/14 | 104.73 | | | | | | | Well was dry | | | | | | | | |
| MW-7 | 06/25/14 | 104.73 | | | | | | | Well was dry | | | | | | | | |
| MW-7 | 09/24/14 | 104.73 | | | | | | | Well was dry | | | | | | | | |
| MW-7 | 12/28/15 | 104.73 | | | | | | | Well was dry | | | | | | | | |
| MW-8 | 07/31/03 | 104.21 | 15.38 | 88.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-8 | 09/23/03 | 104.21 | 15.64 | 88.57 | <50 | <250 | <500 | <0.500 | <0.500 | <0.500 | <1.00 | -- | -- | -- | -- | -- | -- |
| MW-8 | 03/09/04 | 104.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-8 | 08/24/04 | 104.21 | | | | | | Not accessible due to asphalt paving in street. | | | | | | | | | |
| MW-8 | 04/07/05 | 104.21 | | | | | | Not accessible due to asphalt paving in street. | | | | | | | | | |
| MW-8 | 06/16/05 | 104.21 | | | | | | Not accessible due to asphalt paving in street. | | | | | | | | | |
| MW-8 | 09/27/05 | 104.21 | | | | | | Not accessible due to asphalt paving in street. | | | | | | | | | |
| MW-8 | 12/06/05 | 104.21 | | | | | | Not accessible due to asphalt paving in street. | | | | | | | | | |
| MW-8 | 02/03/06 | 104.21 | | | | | | Not accessible due to asphalt paving in street. | | | | | | | | | |
| MW-8 | 04/26/06 | 104.21 | 18.65 | 85.56 | <48 | 150 | 120 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-8 | 07/26/06 | 104.21 | 15.94 | 88.27 | <48 | 110 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-8 | 10/18/06 | 104.21 | 16.36 | 87.85 | <48 | <78 | 180 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-8 | 01/23/07 | 104.21 | 21.16 | 83.05 | <48 | <79 | 190 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-8 | 04/19/07 | 104.21 | 22.03 | 82.18 | <50 | <75 | <94 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-8 | 07/17/07 | 104.21 | 15.70 | 88.51 | <50 | 130 | <97 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-8 | 10/15/07 | 104.21 | 16.00 | 88.21 | <50 | <75 | <94 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-8 | 01/16/08 | 104.21 | 20.92 | 83.29 | <50 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-8 | 04/17/08 | 104.21 | 23.06 | 81.15 | <50 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-8 | 10/15/08 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 04/08/09 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 06/24/09 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 09/21/09 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 11/30/09 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 03/01/10 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 06/14/10 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 08/30/10 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 12/14/10 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 03/21/11 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 05/19/11 | 104.21 | | | | | | Unable to open --- well appeared damaged by traffic. | | | | | | | | | |
| MW-8 | 09/08/11 | 104.21 | 15.35 | 88.86 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-8 | 12/28/11[b] | 104.21 | 20.30 | 83.72 | <50 | <30 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-8 | 03/09/12 | 104.21 | 23.07 | 81.14 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-8 | 06/27/12 | 104.21 | 16.78 | 87.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-8 | 07/12/12[c] | 104.21 | 15.83 | 88.38 | <50 | 170 | 80 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-8 | 09/04/12 | 104.21 | 14.38 | 89.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-8 | 11/27/12 | 104.21 | 17.83 | 86.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-8 | 03/25/13 | 104.21 | 24.07 | 80.14 | <50 | <30 | <71 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-8 | 06/13/13 | 104.21 | 18.72 | 85.49 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-8 | 09/23/13 | 104.21 | 16.50 | 87.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-8 | 12/12/13 | 104.21 | 20.20 | 84.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-8 | 04/09/14 | 104.21 | 27.12 | 77.09 | | | | | | Insufficient water to sample | | | | | | | |
| MW-8 | 06/25/14 | 104.21 | 27.21 | 77.00 | | | | | | Insufficient water to sample | | | | | | | |
| MW-8 | 09/24/14 | 104.21 | | | | | | | Well was dry | | | | | | | | |
| MW-8 | 12/28/15 | 104.21 | 27.10 | 77.11 | | | | | | Insufficient water to sample | | | | | | | |
| MW-9 | 07/17/07 | 104.9 | 13.44 | 91.46 | <50 | <77 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-9 | 10/15/07 | 104.9 | 13.60 | 91.30 | <50 | <77 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-9 | 01/16/08 | 104.9 | | | | | | | Unable to locate | | | | | | | | |
| MW-9 | 04/17/08 | 104.9 | 17.93 | 86.97 | **860** | <76 | <95 | 3 | 110 | 12 | 330 | -- | -- | -- | -- | -- | -- |
| MW-9 | 10/15/08 | 104.9 | 13.58 | 91.32 | <50 | <77 | <96 | <0.5 | <0.7 | <0.8 | 2 | -- | -- | -- | -- | -- | -- |
| MW-9 | 04/08/09 | 104.9 | 21.97 | 82.93 | 68.2 | <83 | <420 | <1.0 | <1.0 | <1.0 | <3.0 | <1.0 | <1.0 | <0.010 | <1.00 | <1.00 | -- |
| MW-9 | 06/24/09 | 104.9 | 14.15 | 90.75 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-9 | 09/21/09 | 104.9 | 13.62 | 91.28 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-9 | 11/30/09 | 104.9 | 16.61 | 88.29 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-9 | 03/02/10 | 104.9 | 20.26 | 84.64 | 52.8 | 43 J | <58.1 | <0.12 | 0.25 J | 0.26 J | 8.6 | -- | -- | -- | -- | -- | -- |
| MW-9 | 06/14/10 | 104.9 | 14.50 | 90.40 | <50.0 | <80.0 | <400 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-9 | 08/31/10 | 104.9 | 13.20 | 91.70 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-9 | 12/15/10 | 104.9 | 16.72 | 88.18 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-9 | 03/21/11 | 104.9 | 20.91 | 83.99 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-9 | 05/19/11 | 104.9 | 15.97 | 88.93 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-9 | 09/08/11 | 104.9 | 13.32 | 91.58 | <50 | <28 | <66 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-9 | 12/28/11[b] | 104.9 | 18.44 | 86.46 | <50 | <30 | <69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-9 | 03/08/12 | 104.9 | 21.27 | 83.63 | <50 | <28 | <66 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-9 | 06/27/12 | 104.9 | 13.55 | 91.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-9 | 07/12/12[c] | 104.9 | 13.30 | 91.60 | <50 | <30 | <71 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-9 | 09/04/12 | 104.9 | 12.98 | 91.92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-9 | 11/27/12 | 104.9 | 15.78 | 89.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-9 | 03/25/13 | 104.9 | 22.29 | 82.61 | <50 | <31 | <72 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-9 | 06/13/13 | 104.9 | 16.00 | 88.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-9 | 09/23/13 | 104.9 | 14.11 | 90.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-9 | 12/12/13 | 104.9 | 17.30 | 87.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-9 | 04/09/14 | 104.9 | 24.78 | 80.12 | | | | | | Insufficient water to sample | | | | | | | |
| MW-9 | 06/25/14 | 104.9 | | | | | | | Well was dry | | | | | | | | |
| MW-9 | 09/24/14 | 104.9 | | | | | | | Well was dry | | | | | | | | |
| MW-9 | 12/28/15 | 104.9 | | | | | | | Well was dry | | | | | | | | |
| MW-10 | 07/17/07 | 104.77 | 13.60 | 91.17 | <50 | <78 | <97 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-10 | 10/15/07 | 104.77 | 13.74 | 91.03 | <50 | <76 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-10 | 01/16/08 | 104.77 | | | | | | | Unable to locate | | | | | | | | |
| MW-10 | 04/17/08 | 104.77 | 17.86 | 86.91 | <50 | <76 | <95 | 1 | 5 | 2 | 7 | -- | -- | -- | -- | -- | -- |
| MW-10 | 10/15/08 | 104.77 | 13.70 | 91.07 | <50 | <80 | <100 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-10 | 04/08/09 | 104.77 | 21.57 | 83.20 | 55.4 | <84 | <420 | <1.0 | 2.8 | <1.0 | 5.0 | <1.0 | <1.0 | <0.010 | <1.00 | <1.00 | -- |
| MW-10 | 06/24/09 | 104.77 | 14.12 | 90.65 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-10 | 09/21/09 | 104.77 | 13.77 | 91.00 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-10 | 11/30/09 | 104.77 | 16.59 | 88.18 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-10 | 03/01/10 | 104.77 | 20.28 | 84.49 | 19.8 J | 45.7 J | <58.1 | <0.12 | 0.38 J | 0.50 J | 3.7 | -- | -- | -- | -- | -- | -- |
| MW-10 | 06/14/10 | 104.77 | 14.48 | 90.29 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-10 | 08/30/10 | 104.77 | 13.44 | 91.33 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-10 | 12/14/10 | 104.77 | 16.69 | 88.08 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-10 | 03/21/11 | 104.77 | 20.85 | 83.92 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-10 | 05/19/11 | 104.77 | 16.06 | 88.71 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-10 | 09/08/11 | 104.77 | 13.53 | 91.24 | <50 | <28 | <66 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-10 | 12/28/11[b] | 104.77 | 18.45 | 86.32 | <50 | <30 | <69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-10 | 03/08/12 | 104.77 | 21.21 | 83.56 | <50 | <28 | <66 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-10 | 06/27/12 | 104.77 | 13.71 | 91.06 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-10 | 07/12/12[c] | 104.77 | 13.50 | 91.27 | <50 | <30 | <71 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-10 | 09/04/12 | 104.77 | 13.20 | 91.57 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-10 | 11/27/12 | 104.77 | 15.70 | 89.07 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-10 | 03/25/13 | 104.77 | 22.35 | 82.42 | <50 | <31 | <73 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-10 | 06/13/13 | 104.77 | 16.10 | 88.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-10 | 09/23/13 | 104.77 | 13.97 | 90.80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-10 | 12/12/13 | 104.77 | 17.20 | 87.57 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-10 | 04/09/14 | 104.77 | 23.38 | 81.39 | Insufficient water to sample | | | | | | | | | | | | |
| MW-10 | 06/25/14 | 104.77 | | | Well was dry | | | | | | | | | | | | |
| MW-10 | 09/24/14 | 104.77 | | | Well was dry | | | | | | | | | | | | |
| MW-10 | 12/28/15 | 104.77 | | | Well was dry | | | | | | | | | | | | |
| MW-11 | 07/17/07 | 104.33 | 14.10 | 90.23 | <50 | 96 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-11 | 10/16/07 | 104.33 | 14.45 | 89.88 | <50 | <77 | <96 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-11 | 01/16/08 | 104.33 | | | Unable to locate | | | | | | | | | | | | |
| MW-11 | 04/17/08 | 104.33 | 18.67 | 85.66 | 56 | 230 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-11 | 10/15/08 | 104.33 | 14.00 | 90.33 | 53 | <78 | <97 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-11 | 04/08/09 | 104.33 | 21.14 | 83.19 | Insufficient water to sample | | | | | | | | | | | | |
| MW-11 | 06/24/09 | 104.33 | 14.52 | 89.81 | Gauge only this quarter. | | | | | | | | | | | | |
| MW-11 | 09/21/09 | 104.33 | 13.99 | 90.34 | Gauge only this quarter. | | | | | | | | | | | | |
| MW-11 | 11/30/09 | 104.33 | 16.65 | 87.68 | Gauge only this quarter. | | | | | | | | | | | | |
| MW-11 | 03/01/10 | 104.33 | 20.26 | 84.07 | <13.4 | **2,960** | 233 J | <0.12 | <0.21 | <0.20 | <0.42 | -- | -- | -- | -- | -- | -- |
| MW-11 | 06/14/10 | 104.33 | 14.96 | 89.37 | <50.0 | 248 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-11 | 08/30/10 | 104.33 | 13.51 | 90.82 | <50.0 | 317 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-11 | 12/14/10 | 104.33 | 16.48 | 87.85 | <50.0 | 230 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-11 | 03/21/11 | 104.33 | 21.00 | 83.33 | <50.0 | **1,010** | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-11 | 05/19/11 | 104.33 | 16.13 | 88.20 | 65.2 | **847** | <396 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-11 | 09/08/11 | 104.33 | 13.70 | 90.63 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-11 | 12/28/11[b] | 104.33 | 18.49 | 85.84 | <50 | 350 | <69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-11 | 03/08/12 | 104.33 | 22.36 | 81.97 | Insufficient water to sample | | | | | | | | | | | | |
| MW-11 | 06/27/12 | 104.33 | 13.87 | 90.46 | <50 | 35 | <67 | <0.5 | <0.5 | <0.5 | 2 | -- | -- | -- | -- | -- | <50 |
| MW-11 | 09/04/12 | 104.33 | 13.28 | 91.05 | <50 | **1,600** | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-11 | 11/27/12 | 104.33 | 15.80 | 88.53 | <50 | 310 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | 140 |
| MW-11 | 03/25/13 | 104.33 | 22.90 | 81.43 | Insufficient water to sample | | | | | | | | | | | | |
| MW-11 | 06/13/13 | 104.33 | 16.33 | 88.00 | <50 | **7,600** | **600** | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-11 | 09/23/13 | 104.33 | 14.30 | 90.03 | <50 | 37 | <69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-11 | 12/12/13 | 104.33 | 17.30 | 87.03 | <50 | **1,300** | 390 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-11 | 04/09/14 | 104.33 | | | Well was dry | | | | | | | | | | | | |
| MW-11 | 06/25/14 | 104.33 | | | Well was dry | | | | | | | | | | | | |
| MW-11 | 09/24/14 | 104.33 | | | Well was dry | | | | | | | | | | | | |
| MW-11 | 12/28/15 | 104.33 | | | Well was dry | | | | | | | | | | | | |
| MW-12 | 07/17/07 | 102.99 | 14.64 | 88.35 | <50 | <78 | <98 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-12 | 10/15/07 | 102.99 | 14.90 | 88.09 | <50 | <75 | <94 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-12 | 01/16/08 | 102.99 | | | Unable to locate | | | | | | | | | | | | |
| MW-12 | 04/17/08 | 102.99 | 19.17 | 83.82 | <50 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-12 | 10/15/08 | 102.99 | 14.98 | 88.01 | <50 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-12 | 04/09/09 | 102.99 | 21.85 | 81.14 | <50.0 | <82 | <410 | <1.0 | <1.0 | <1.0 | <3.0 | <1.0 | <1.0 | <0.010 | <1.00 | <1.00 | -- |
| MW-12 | 06/24/09 | 102.99 | 15.20 | 87.79 | Gauge only this quarter. | | | | | | | | | | | | |
| MW-12 | 09/21/09 | 102.99 | 14.89 | 88.10 | Gauge only this quarter. | | | | | | | | | | | | |
| MW-12 | 11/30/09 | 102.99 | 17.78 | 85.21 | Gauge only this quarter. | | | | | | | | | | | | |
| MW-12 | 03/01/10 | 102.99 | 20.39 | 82.60 | 14.2 J | 56.3 J | 66.2 J | <0.12 | <0.21 | <0.20 | 1.6 J | -- | -- | -- | -- | -- | -- |
| MW-12 | 06/15/10 | 102.99 | 16.46 | 86.53 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-12 | 08/31/10 | 102.99 | 14.23 | 88.76 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-12 | 12/14/10 | 102.99 | 17.44 | 85.55 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-12 | 03/21/11 | 102.99 | 20.88 | 82.11 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-12 | 05/19/11 | 102.99 | 17.10 | 85.89 | <50.0 | <79.2 | <396 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-12 | 09/08/11 | 102.99 | 14.61 | 88.38 | <50 | <140 | **1,200** | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-12 | 12/28/11[b] | 102.99 | 19.20 | 83.79 | <50 | <32 | <74 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-12 | 03/08/12 | 102.99 | 21.65 | 81.34 | <50 | <28 | <66 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-12 | 06/27/12 | 102.99 | 15.72 | 87.27 | <50 | 47 | <66 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-12 | 09/04/12 | 102.99 | 14.05 | 88.94 | <50 | 65 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-12 | 11/27/12 | 102.99 | 17.30 | 85.69 | <50 | <30 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-12 | 03/25/13 | 102.99 | 22.87 | 80.12 | | | | | | Insufficient water to sample | | | | | | | |
| MW-12 | 06/13/13 | 102.99 | 17.73 | 85.26 | <50 | --[d] | --[d] | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-12 | 09/23/13 | 102.99 | 15.70 | 87.29 | <50 | 57 | <73 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-12 | 12/12/13 | 102.99 | 19.00 | 83.99 | <50 | <30 | <69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-12 | 04/09/14 | 102.99 | 22.98 | 80.01 | | | | | | Insufficient water to sample | | | | | | | |
| MW-12 | 06/25/14 | 102.99 | | | | | | | Well was dry | | | | | | | | |
| MW-12 | 09/24/14 | 102.99 | | | | | | | Well was dry | | | | | | | | |
| MW-12 | 12/28/15 | 102.99 | | | | | | | Well was dry | | | | | | | | |
| MW-13 | 07/17/07 | 104.17 | 14.63 | 89.54 | 240 | **2,300** | <97 | **6** | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-13 | 10/15/07 | 104.17 | 14.91 | 89.26 | **1,400** | **730** | <94 | **47** | 2 | 97 | 76 | -- | -- | -- | -- | -- | -- |
| MW-13 | 01/16/08 | 104.17 | | | | | | | Unable to locate | | | | | | | | |
| MW-13 | 04/17/08 | 104.17 | Unable to gauge | -- | **1,200** | 370 | <94 | **91** | 13 | 48 | 120 | -- | -- | -- | -- | -- | -- |
| MW-13 | 10/15/08 | 104.17 | 14.88 | 88.29 | **1,300** | 450 | <96 | **38** | 1 | 83 | 27 | -- | -- | -- | -- | -- | -- |
| MW-13 | 04/08/09 | 104.17 | 23.29 | 80.88 | | | | | | Insufficient water to sample | | | | | | | |
| MW-13 | 06/24/09 | 104.17 | 15.43 | 88.74 | 571 | **570** | <400 | **7.5** | 5.0 | 1.2 | 61.9 | -- | -- | -- | -- | -- | -- |
| MW-13 | 09/21/09 | 104.17 | 14.73 | 89.44 | 654 | 230 | <390 | **5.6** | <1.0 | <1.0 | 15.2 | -- | -- | -- | -- | -- | -- |
| MW-13 | 11/30/09 | 104.17 | 17.36 | 86.81 | 318 | 230 | <390 | **15.0** | 2.0 | <1.0 | 11.2 | -- | -- | -- | -- | -- | -- |
| MW-13 | 03/02/10 | 104.17 | 21.28 | 82.89 | 82.1 | 215 | 72.0J | 0.91 J | <0.21 | 0.31 J | 5.4 | -- | -- | -- | -- | -- | -- |
| MW-13 | 06/15/10 | 104.17 | 15.98 | 88.19 | 130 | **558** | <392 | **7.4** | <1.0 | <1.0 | 3.0 | -- | -- | -- | -- | -- | -- |
| MW-13 | 08/31/10 | 104.17 | 14.10 | 90.07 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-13 | 12/15/10 | 104.17 | 17.50 | 86.67 | 204 | 226 | <392 | **10.4** | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-13 | 03/21/11 | 104.17 | 21.90 | 82.27 | 132 | 297 | <392 | **19.3** | <1.0 | 3.1 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-13 | 05/20/11 | 104.17 | 16.84 | 87.33 | 117 | 490 | <392 | 4.6 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-13 | 09/08/11 | 104.17 | 14.40 | 89.77 | 51 | 36 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-13 | 12/28/11[b] | 104.17 | 19.81 | 84.36 | 180 | **530** | <71 | 2 | <0.5 | 1 | 0.7 | -- | -- | -- | -- | -- | <50 |
| MW-13 | 03/09/12 | 104.17 | 22.81 | 81.36 | 140 | **850** | <66 | **8** | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-13 | 06/27/12 | 104.17 | 14.89 | 89.28 | <50 | **670** | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-13 | 09/04/12 | 104.17 | 13.63 | 90.54 | <50 | 240 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-13 | 11/27/12 | 104.17 | 16.80 | 87.37 | <50 | 490 | <69 | 0.7 | <0.5 | <0.5 | 0.5 | -- | -- | -- | -- | -- | <50 |
| MW-13 | 03/25/13 | 104.17 | 23.56 | 80.61 | | | | | | Insufficient water to sample | | | | | | | |
| MW-13 | 06/13/13 | 104.17 | 17.00 | 87.17 | 57 | **3,600** | **590** | 5 | <0.5 | <0.5 | 0.5 | -- | -- | -- | -- | -- | <50 |
| MW-13 | 09/23/13 | 104.17 | 15.16 | 89.01 | <50 | 420 | <69 | 0.8 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-13 | 12/12/13 | 104.17 | 18.85 | 85.32 | 78 | **1,400** | 250 | 4 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-13 | 04/09/14 | 104.17 | 23.49 | 80.68 | | | | | | Insufficient water to sample | | | | | | | |
| MW-13 | 06/25/14 | 104.17 | 23.58 | 80.59 | | | | | | Insufficient water to sample | | | | | | | |
| MW-13 | 09/24/14 | 104.17 | | | | | | | Well was dry | | | | | | | | |
| MW-13 | 12/28/15 | 104.17 | | | | | | | Unable to locate | | | | | | | | |
| MW-14 | 07/17/07 | 105.32 | 16.43 | 88.89 | <50 | <79 | <99 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-14 | 10/15/07 | 105.32 | 16.64 | 88.68 | <50 | <75 | <94 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-14 | 01/16/08 | 105.32 | | | | | | | Unable to locate | | | | | | | | |
| MW-14 | 04/17/08 | 105.32 | 20.96 | 84.36 | <50 | <76 | <95 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-14 | 10/15/08 | 105.32 | 16.65 | 88.67 | <50 | <78 | <97 | <0.5 | <0.7 | <0.8 | <0.8 | -- | -- | -- | -- | -- | -- |
| MW-14 | 04/08/09 | 105.32 | 23.92 | 81.40 | | | | | | Insufficient water to sample | | | | | | | |
| MW-14 | 06/24/09 | 105.32 | 17.64 | 87.68 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-14 | 09/21/09 | 105.32 | 16.52 | 88.80 | | | | | | Gauge only this quarter. | | | | | | | |

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |
| MW-14 | 11/30/09 | 105.32 | 19.58 | 85.74 | | | | | | Gauge only this quarter. | | | | | | | |
| MW-14 | 03/02/10 | 105.32 | 22.70 | 82.62 | 17.7 J | 59 J | <58.7 | <0.12 | <0.21 | <0.20 | 2.3 J | -- | -- | -- | -- | -- | -- |
| MW-14 | 06/14/10 | 105.32 | 18.30 | 87.02 | <50.0 | <77.7 | <388 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-14 | 08/30/10 | 105.32 | 15.88 | 89.44 | <50.0 | <79.2 | <396 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-14 | 12/14/10 | 105.32 | 19.60 | 85.72 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-14 | 03/21/11 | 105.32 | 23.27 | 82.05 | <50.0 | <78.4 | <392 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-14 | 05/19/11 | 105.32 | 18.99 | 86.33 | <50.0 | <80.0 | <400 | <1.0 | <1.0 | <1.0 | <3.0 | -- | -- | -- | -- | -- | -- |
| MW-14 | 09/08/11 | 105.32 | 16.22 | 89.10 | <50 | <29 | <67 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-14 | 12/28/11[b] | 105.32 | 21.13 | 84.19 | <50 | <30 | <70 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-14 | 03/08/12 | 105.32 | 23.98 | 81.34 | | | | | | Insufficient water to sample | | | | | | | |
| MW-14 | 06/27/12 | 105.32 | 16.94 | 88.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-14 | 07/12/12[c] | 105.32 | 16.42 | 88.90 | <50 | <29 | <68 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- | <50 |
| MW-14 | 09/04/12 | 105.32 | 15.34 | 89.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-14 | 11/27/12 | 105.32 | 18.95 | 86.37 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-14 | 03/25/13 | 105.32 | 23.91 | 81.41 | | | | | | Insufficient water to sample | | | | | | | |
| MW-14 | 06/13/13 | 105.32 | 19.60 | 85.72 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-14 | 09/23/13 | 105.32 | 17.00 | 88.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-14 | 12/12/13 | 105.32 | 20.43 | 84.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-14 | 04/09/14 | 105.32 | 23.87 | 81.45 | | | | | | Insufficient water to sample | | | | | | | |
| MW-14 | 06/25/14 | 105.32 | | | | | | | Well was dry | | | | | | | | |
| MW-14 | 09/24/14 | 105.32 | | | | | | | Well was dry | | | | | | | | |
| MW-14 | 12/28/15 | 105.32 | | | | | | | Well was dry | | | | | | | | |

**NOTES:**

Analytical results in bold font indicate concentration exceeds MTCA Method A cleanup level.
Groundwater monitoring data, top of casing elevations, and laboratory analytical results prior to September 8, 2011 provided by STANTEC Consulting Corporation.
2n = Sample was evaluated to the MDL
-- = Not measured/Not analyzed
TOC = Top of casing
B+ = Analyte was detected in the associated method blank as well as in the sample
< = Less than the stated laboratory reporting limit
TPH = Total Petroleum Hydrocarbons
BTEX = Benzene, toluene, ethylbenzene, and total xylenes
ft = feet
TPH-D = TPH as Diesel-range organics
C0 = Result confirmed by second analysis
MDL = Method detection limit
TPH-G = TPH as Gasoline-range organics
EDB = 1,2-Dibromoethane
MTBE = Methyl Tertiary Butyl Ether
TPH-O = TPH as Heavy Oil-range organics
EDC = 1,2-Dichloroethane
MTCA = Model Toxics Control Act
USEPA = United States Environmental Protection Agency
µg/L = micrograms per liter
NE = Not Established
Z2 = Analyte present in the associated method blank above the detection limit

**ANALYTICAL METHOD:**

BTEX analyzed by USEPA Method 8021B or 8260B.
TPH-G analyzed by Northwest Method NWTPH-Gx.
EDB analyzed by USEPA Method 504.1.
TPH-O analyzed by Northwest Method NWTPH-Dx.
EDC analyzed by USEPA Method 8260B.

# Table 2

## Groundwater Monitoring Data and Analytical Results
## 76 Products Facility No. 351384
## 920 North 6th Avenue
## Yakima, Washington

| Well ID | Sample Date | TOC Elevation | Depth to Water | GW Elevation | TPH-G | TPH-D | TPH-O | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE | EDC | EDB | Total Lead | Dissolved Lead | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MTCA Method A Cleanup Levels:** | | | | | 1,000/800[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 20 | 5 | 0.01 | 15 | 15 | NE |
| | | *(feet)* | *(feet)* | *(feet)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* | *(ug/L)* |

Ethanol analyzed by USEPA Method 8260B. MTBE analyzed by USEPA Method 8260B.
Total and dissolved lead analyzed by USEPA Method 6020.
a MTCA Method A cleanup levels for TPH-GRO are 1,000 µg/L when no benzene is present and 800 µg/L when benzene is present.
b Laboratory report indicates, that a preserved vial was submitted for analysis; however, the pH at the time of analysis was between 5 and 7.
c Additional monitoring and sampling event was completed to sample wells that were not sampled on 06/27/12 due to field personnel error.
TPH-D analyzed by Northwest Method NWTPH-Dx.
d Not analyzed due to sample container breakage at the laboratory.