# SITE HAZARD ASSESSMENT
## WORKSHEET 1
Summary Score Sheet

**SITE INFORMATION:**

Chevron 97502
640 Metcalf Street (formerly 124 Ferry Street)
Sedro Woolley, WA 98284
Skagit County Parcel IDs: P77456, P77455, P77454

Section/Township/Range: NESW 24/35N/4E
Latitude: 48.505513
Longitude: -122.238973
Ecology Facility Site ID: 61112475
Cleanup Site ID: 6368

*Site scored/ranked for the February, 2018 update of the Site Register by Polly Dubbel, Skagit County Public Health Department (SCPHD).*

**SITE DESCRIPTION:**

The Chevron 97502 site (Site) is located within the downtown corridor of the City of Sedro-Woolley. It occupies the northwest corner of Ferry Street and Metcalf Street and is currently owned by the City of Sedro-Woolley. The site has been in use as Hammer Heritage Park since 2005. The park is paved with concrete pavers and contains a gazebo and planters. The park is the location of the weekly Sedro-Woolley Farmers Market and used for other city festivals.

Sedro-Woolley is a small city with a population of approximately 11,000 people. The immediate surrounding land use is a mixture of retail and service businesses, city offices, and industrial land use to the north. Residential neighborhoods are located within 800-1000 feet to the east and west of the Site.

The area is served by PUD of Skagit County for drinking water and City of Sedro-Woolley sanitary sewer. Agricultural and some domestic wells are on record within 2 miles of the site to the north, east, and west. The nearest documented drinking water well is approximately 4500 feet from the site. Brickyard Creek is the closest surface water, approximately 2500 feet to the northwest and the Skagit River is approximately 6400 feet to the south of the site.

The land surface is fairly level within the Skagit River Valley but the Site is outside of the floodway and 100 year flood plain. Elevation is approximately 56 feet above sea level. The soil in the area of the release is gravel fill, silty sand, and silty clay. Unconfined groundwater is present between 10 and 16 feet below ground surface. Refer to attached photos for site area.

**SITE BACKGROUND:**

The Site was operated as a service station from approximately 1935 until 1991. Chevron operated the station from 1965 to 1991. During the years of Chevron operation, fuel was supplied to the three fuel

islands at the site from three gasoline underground storage tanks (USTs): 8,000 gallons leaded gasoline, 6,500 gallons unleaded, and 3,000 gallons unleaded supreme. In addition, there was a 550 gallon fuel oil UST, a 550 gallon used oil UST, and a 300 gallon kerosene UST. All pump islands and USTs were removed between 1991 and 1992 when the fuel station was decommissioned.

The site is comprised of three parcels. Parcels 77554 and 77456 were transferred to City of Sedro Woolley ownership in 1997. In 2000, Parcel 77455 was transferred to City of Sedro Woolley ownership and a park was developed on the site in 2005. Refer to the figure from Conestoga-Rovers 2010 for the site plan.

## SITE INVESTIGATIONS AND REMEDIATION:

Sweet-Edwards/EMCON Inc. conducted soil and groundwater investigations during 1991 and 1992 as part of site decommissioning. Significant soil and groundwater contamination with Gasoline and Diesel Range Hydrocarbons, and BTEX was found. Phase separated hydrocarbons were present in one monitoring well and vacuum extraction was conducted during the site remediation. Contaminated subsurface soil was removed in 1992 as part of site decommissioning but soil and groundwater contamination exceeding MTCA Method A Cleanup Levels remained. No further soil removal is document at the site.

Groundwater monitoring occurred at the site on a quarterly or semi-annual basis from 1993 – 1998, 2000-2001, and 2005 – 2014. No monitoring has occurred since 2014. Fourteen monitoring wells have been drilled at the site from 1992 on; some were decommissioned during subsequent property changes. The last groundwater sample events in 2013 and 2014 found the following contaminants detected above MTCA Method A Cleanup Levels for Groundwater: Gasoline Range Organics (with Benzene), Diesel Range Organics, Heavy Oil Range Organics, Total Xylenes, and Lead. For complete monitoring results refer to the table of Groundwater Monitoring and Sampling Data from Conestoga-Rovers & Associates (CRA) 2014.

LNAPL was found in one well on site in 2007 and shortly after in two additional monitoring wells. In 2009 CRA injected surfactant into the three wells containing LNAPL and subsequently used vacuum extraction on the wells to remove the surfactant and emulsified LNAPL. LNAPL was not found in the wells after the extraction events and levels of contaminants decreased in the follow up sampling. No further groundwater treatment has occurred at the site.

The site was entered into the Voluntary Cleanup Program with Ecology in 2000 and was terminated from the program in 2014 due to unpaid Site Cleanup Review invoices. In 2007 a soil vapor assessment was conducted by CRA at the request of Ecology. CRA issued the report in 2008 stating that the level of detected analytes modeled to be present in neighboring buildings was an order of magnitude below MTCA Method B concentrations.

## CURRENT SITE CONDITIONS:

Polly Dubbel with SCPHD initiated the Site Hazard Assessment in January 2017. On June 16, 2017 she met Mark Freiberger with City of Sedro-Woolley at the site. The consultant from Chevron USA declined to be present at the site visit. Conditions at the site remain as described in Site Background. The site is a city park used for the city farmer's market and other similar festivals. The ground is covered in cobble brick with interspersed plantings and a gazebo. Monitoring wells are visible around the site. The park is bordered by city streets to the east and south and by small business buildings to

the west and north. Five other ranked contaminated sites having petroleum contamination in groundwater and/or subsurface soils are present within 1400 feet of this site, four located along Ferry Street to the west.

**SPECIAL CONSIDERATIONS:**

Checked boxes indicate routes applicable for WARM scoring

☐ **Surface Water**

☐ **Air**

☒ **Groundwater**

**ROUTE SCORES:**

| | | | |
|---|---|---|---|
| Surface Water/Human Health: | NS | Surface Water/Environmental: | NS |
| Air/Human Health: | NS | Air/Environmental: | NS |
| Groundwater/Human Health: | 52.6 | | |

**OVERALL RANK: 2**

**SOURCES USED IN SCORING**


1. August 2017, Skagit County Department of Public Health, Chevron 97502 File notes and images.
2. January 1992, Sweet-Edwards/EMCON, Inc., Expanded Subsurface Soil and Groundwater Quality Assessment Facility 60097502 Ferry and Metcalf Streets Sedro Woolley, Washington.
3. March 1993, EMCON Northwest, Inc., Soil Remediation Report Chevron U.S.A. Products Company Facility 60097502 124 Ferry Street Sedro Woolley, Washington.
4. September 2007, Conestoga-Rovers & Associates, Site Investigation Report Former Chevron Service Station #9-7502 124 Ferry Street Sedro-Woolley, Washington 98284.
5. April 2010, Conestoga-Rovers & Associates, Interim Action Report Surfactant Injection Status Update Former Chevron Service Station 9-7502.
6. December 2014, Conestoga-Rovers & Associates, Second Semi-Annual 2014 Groundwater Monitoring and Sampling Report Former Chevron Service Station 97502.
7. April 1992, Washington Department of Ecology, WARM Scoring Manual.
8. January 1992, Washington Department of Ecology, Toxicology Database for Use in Washington Ranking Method Scoring.
9. April 1966, National Weather Service, Washington Climate Data.
10. 2012, Washington Department of Ecology, Water Rights Explorer.
11. Washington Department of Ecology, Well Logs.
12. Washington Department of Health Public Water Supply Data (SENTRY).
13. Skagit County Mapping, GeoSkagit, Version 2.1.

# WORKSHEET 2
Route Documentation

**1. SURFACE WATER ROUTE**

a. List those substances to be considered for scoring:

Not applicable

b. Explain basis for choice of substance(s) to be used in scoring:

c. List those management units to be considered for scoring:

d. Explain basis for choice of unit to be used in scoring:

**2. AIR ROUTE**

a. List those substances to be considered for scoring:

Not applicable

b. Explain basis for choice of substance(s) to be used in scoring:

c. List those management units to be considered for scoring:

d. Explain basis for choice of unit to be used in scoring:

3. **GROUNDWATER ROUTE**

a. List those substances to be considered for scoring: Source: 1, 2, 6, 7

**Gasoline Range Organics (with Benzene), Diesel Range Organics, Total Xylenes, Lead**

b. Explain basis for choice of substance(s) to be used in scoring:
**Documented groundwater contamination with the listed substances exceeding MTCA Method A Cleanup Levels.**

c. List those management units to be considered for scoring: Source: 1, 2, 6, 7

**Contaminated groundwater.**

d. Explain basis for choice of unit to be used in scoring:

**Documented groundwater contamination with the listed substances exceeding MTCA Method A Cleanup Levels.**

# WORKSHEET 6

Groundwater Route

## 1.0 SUBSTANCE CHARACTERISTICS

| 1.2 Human Toxicity | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Substance | Drinking Water Standard (µg/L) | Value | Acute Toxicity (mg/ kg-bw) | Value | Chronic Toxicity (mg/kg/day) | Value | Carcinogenicity | | Value |
| | | | | | | | | WOE | PF* | |
| 1 | Gasoline Range Organics (with Benzene) | 5 | 8 | 3306 | 3 | .004 | 3 | A | .055 | 5 |
| 2 | Diesel Range Organics (DRO) | -- | X | 490 | 5 | 0.02 | 1 | -- | -- | X |
| 3 | Total Xylenes | 10000 | 2 | 50 | 10 | 0.2 | 1 | -- | -- | X |
| 4 | Lead | 15 | 6 | <0.001 | 10 | -- | X | -- | -- | X |

* *Potency Factor*

Source: 6,7, 8

**Highest Value: 10**
(Max = 10)

**Plus 2 Bonus Points? 2**

**Final Toxicity Value: 12**
(Max = 12)

| 1.2 Mobility (use numbers to refer to above listed substances) | |
|---|---|
| **Cations/Anions [Coefficient of Aqueous Migration (K)] OR** | **Solubility (mg/L)** |
| | GRO (benzene) = 1750 value = 3 |
| | DRO = 31 value = 1 |
| | Total Xylenes = 171 value = 2 |
| Lead 0.1<K<1 value = 2 | |

Source: 6,7

**Value: 3**
(Max = 3)

| 1.3 Substance Quantity (volume): | |
|---|---|
| **Explain basis: Estimate based on volume of fuel tanks removed from site.**<br>**8000+6500+3000+550+550+300 = 18,900 gallons** | Source: 1,2, 3,7<br>**Value: 5**<br>(Max=10) |

### 2.0 MIGRATION POTENTIAL

| | | Source | Value |
|---|---|---|---|
| **2.1** | **Containment (explain basis):** Documented contaminated soil and groundwater. Site covered with paving stones but no solid pavement. | 1, 2,3,6,7 | **10** (Max = 10) |
| **2.2** | **Net precipitation:** (5.6+6.4+5.4+4.2+4.7+3.3)-(.9+.5+.4+.6+1.2+2.1) = 23.9" | 7, 9 | **3** (Max = 5) |
| **2.3** | **Subsurface hydraulic conductivity:** silty sand, sandy silt > $10^{-5}$ to $10^{-3}$ | 1,2,7,10 | **3** (Max = 4) |
| **2.4** | **Vertical depth to groundwater:** Well log reports in immediate area static water level at 10-16 ft bgs | 1,2,7,10 | **8** (Max = 8) |

### 3.0 TARGETS

| | | Source | Value |
|---|---|---|---|
| **3.1** | **Groundwater usage:** Public supply, but alternate sources available | 7,11,12,13 | **4** (Max = 10) |
| **3.2** | **Distance to nearest drinking water well:** >2640-5000 | 7,11,12,13 | **2** (Max = 5) |
| **3.3** | **Population served within 2 miles: √ pop.** = √307=18 | 7,11,12,13 | **18** (Max = 100) |
| **3.4** | **Area irrigated by (groundwater) wells within 2 miles : (0.75)*√# acres =** 0.75 * √297 = 13 | 7,10,13 | **13** (Max = 50) |

### 4.0 RELEASE

| | Source | Value |
|---|---|---|
| **Explain basis for scoring a release to groundwater:** Documented groundwater contamination. | 1,2,6,7 | **5** (Max = 5) |

Ground Water Route – Human Health Pathway

$$GW_H = (SUB_{GH} \bullet 40/208) \bullet [(MIG_G \bullet 25/17) + REL_G + (TAR_{GH} \bullet 30/165)] / 24$$

where,

| | |
|---|---|
| $GW_H$ = | Pathway Score for Ground Water-Human Health |
| $SUB_{GH}$ = | (Human Toxicity + Mobility + 3) • (Containment + 1) + Substance Quantity |
| $MIG_G$ = | Depth to Aquifer + Net Precipitation + Hydraulic Conductivity |
| $REL_G$ = | Release to the Ground Water |
| $TAR_{GH}$ = | Aquifer Use + Well Distance + Population Served + Area Irrigated |

$SUB_{GH}$ = 203, $MIG_G$ = 14, $REL_G$ = 5, $TAR_{GH}$ = 37 **SCORE = 52.6**

**QUINTILE (August 2016) = 5**

HUMAN HEALTH PRIORITY = $(H^2 + 2M + L)/8$
= $5^2/8$
= 3.1 (round up to 4)

## FINAL MATRIX RATING = 2

**Chevron USA SS 97502 Images and photos for Site Hazard Assessment – Photos by Polly Dubbel from 6.16.17 site visit**

GeoSkagit Image - Site Aerial 2015

GoSkagit Image - General site area 2015

View looking North with monitoring well

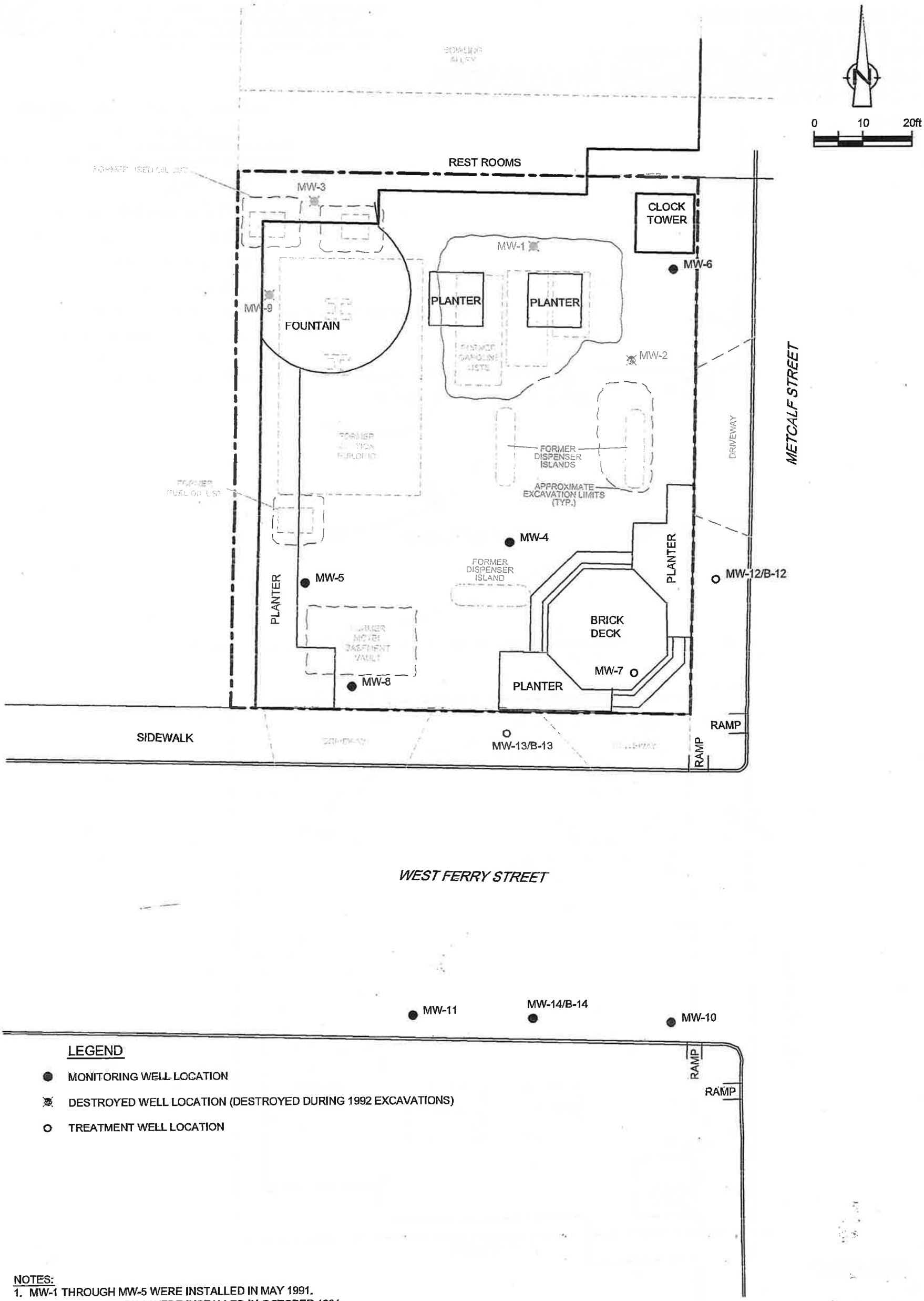
View looking Northwest

**Chevron USA SS 97502 Images and photos for Site Hazard Assessment – Photos by Polly Dubbel from 6.16.17 site visit**

View looking West

Close up to site looking Southwest

View of monitoring well by gazebo




LEGEND

- ● MONITORING WELL LOCATION
- ⊗ DESTROYED WELL LOCATION (DESTROYED DURING 1992 EXCAVATIONS)
- ○ TREATMENT WELL LOCATION

NOTES:
1. MW-1 THROUGH MW-5 WERE INSTALLED IN MAY 1991.
2. MW-6 THROUGH MW-9 WERE INSTALLED IN OCTOBER 1991.
3. MW-10 AND MW-11 WERE INSTALLED IN JULY 2002.
4. MW-12 THROUGH MW-14 WERE INSTALLED IN MAY 2006.

figure 2

SITE PLAN
FORMER CHEVRON STATION 9-7502
124 FERRY STREET
*Sedro-Woolley, Washington*

60041-09R50(011)GN-WA002 MAR 24/2010

TABLE

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-4 | 01/29/1992 | - | - | - | - | - | - | - | - | - | - | ND | ND | 14,000 | 4,400 | 340 | 2,000 | 1,600 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 09/23/1992 | 98.17 | - | - | - | - | - | - | - | - | - | 5,060 | ND | 25,000 | 2,800 | 830 | 4,600 | 4,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 02/24/1993 | 98.17 | - | 10.42 | 87.75 | - | - | - | - | - | - | 3,460 | ND | 7,970 | 352 | 2.0 | 418 | 1,360 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 05/17/1993 | 98.17 | - | 10.20 | 87.97 | - | - | - | - | - | - | 2,630 | ND | 9,180 | 314 | 281 | 981 | 1,610 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 08/02/1993 | 98.17 | - | 10.44 | 87.73 | - | - | - | - | - | - | 1,390 | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 08/24/1993 | 98.17 | - | - | - | - | - | - | - | - | - | - | - | 14,900 | 152 | 614 | 499 | 2,880 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 11/03/1993 | 98.17 | - | 11.67 | 86.50 | - | - | - | - | - | - | 1,092 | ND | 16,100 | 114 | 605 | 79 | 1,980 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 02/15/1994 | 98.17 | - | 11.54 | 86.63 | - | - | - | - | - | - | 1,070 | ND | 16,300 | 203 | 552 | 210 | 1,810 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 05/20/1994 | 98.17 | - | 11.00 | 87.17 | - | - | - | - | - | - | 1,230 | ND | 11,400 | 92.2 | 357 | 20 | 612 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 08/23/1994 | 98.17 | - | 11.84 | 86.33 | - | - | - | - | - | - | 830 | ND | 12,400 | 67.1 | 489 | 77 | 1,740 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 11/16/1994 | 98.17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 02/10/1995[1] | 98.17 | - | 11.23 | 86.94 | - | - | - | - | - | - | 1,700 | ND | 11,000 | 95 | 160 | 310 | 890 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 05/12/1995[1] | 98.17 | - | 10.80 | 87.37 | - | - | - | - | - | - | 1,600 | ND | 12,000 | 55 | 34 | 380 | 890 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 08/11/1995[1] | 98.17 | - | 11.40 | 86.77 | - | - | - | - | - | - | 1,000 | ND | 11,000 | 27 | 33 | 340 | 980 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 11/02/1995[1] | 98.17 | - | 11.73 | 86.44 | - | - | - | - | - | - | 1,400 | 940 | 12,000 | 24 | 24 | 220 | 430 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 01/31/1996 | 98.17 | - | 9.62 | 88.55 | - | - | - | - | - | - | 900 | ND | 6,200 | 17 | 6.4 | 250 | 410 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 05/09/1996 | 98.17 | - | 9.88 | 88.29 | - | - | - | - | - | - | 253 | ND | 97.7 | 1.7 | 0.975 | 7.01 | 78.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 02/03/1997 | 98.17 | - | 8.83 | 89.34 | - | - | - | - | - | - | ND | ND | ND | ND | ND | 2.10 | 1.98 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 08/05/1997 | 98.17 | - | 10.10 | 88.07 | - | - | - | - | - | - | ND | ND | 172 | 0.876 | 0.635 | 7.36 | 17.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 02/11/1998 | 98.17 | - | 9.97 | 88.20 | - | - | - | - | - | - | ND | ND | ND | 1.15 | 0.975 | 0.997 | 2.66 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 08/27/1998 | 98.17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 03/13/2000 | 98.17 | - | 9.75 | 88.42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 09/19/2000 | 98.17 | - | 10.71 | 87.46 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 03/20/2001 | 98.17 | - | 10.45 | 87.72 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 08/21/2001 | 98.17 | - | 11.08 | 87.09 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 07/02/2005[16] | 98.17 | - | 7.86 | 90.31 | - | 1.7 | 42 | - | - | - | <80[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | - | 3.3 | - | - | <0.5 | <0.5 | <5 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-4 | 09/15/2005[16] | 98.17 | - | 8.93 | 89.24 | - | 3.0 | 72 | - | - | - | 310[12] | <100[12] | 1,200 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | - | 1.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 12/31/2005[16] | 98.17 | - | 8.64 | 89.53 | - | 2.8 | 67 | - | - | - | <82[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | <0.87 | <0.87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 03/11/2006[16] | 98.17 | - | 8.00 | 90.17 | - | 2.7 | 64 | - | - | - | <81[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | <0.87 | <0.87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 06/13/2006[16] | 98.17 | - | 7.59 | 90.58 | - | 2.5 | 61 | - | - | - | <82[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | <0.51 | <0.51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 08/10/2006[21] | 98.17 | - | 8.58 | 89.59 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 12/05/2006[16,21] | 98.17 | - | 8.48 | 89.69 | - | 2.2 | 48 | - | - | - | 79[23] | <260 | <260 | <1.0 | <1.0 | <1.0 | <3.0 | - | <1.0 | 0.085[23,25] | 4.8[23] | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 01/24/2007[21] | 98.17 | - | 7.71 | 90.46 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 05/08/2007 | 98.17 | - | 7.92 | 90.25 | - | 1.4 | 78 | - | - | - | <130 | - | 110 | <1.0 | <1.0 | <1.0 | <2.0 | - | <1.0 | <2.0 | 3.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 06/04/2007 | 56.37 | - | 9.72 | 46.65 | - | 2.3 | 52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 09/05/2007 | 56.37 | - | 8.76 | 47.61 | - | 2.3 | 54 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 12/19/2007 | 56.37 | - | 9.07 | 47.30 | - | 2.1 | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 03/06/2008 | 56.37 | - | 7.78 | 48.59 | - | 2.0 | 46 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 06/16/2008 | 56.37 | - | 7.08 | 49.29 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 09/11/2008 | 56.37 | - | 7.35 | 49.02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 11/20/2008 | 56.37 | - | 7.38 | 48.99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 03/04/2009 | 56.37 | - | 6.89 | 49.48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 06/04/2009 | 56.37 | - | 7.21 | 49.16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 09/22/2009 | 56.37 | - | 9.04 | 47.33 | - | 0.24 | 269.4 | 16.11 | 6.21 | 311 | 110 | <70 | <50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 09/23/2009 | 56.37 | - | - | - | - | 3.47 | 107.30 | 15.97 | 6.52 | 421 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potenti | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-msl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-4 | 10/01/2009 | 56.37 | - | 9.80 | 46.57 | - | 1.93 | -28.4 | 14.77 | 6.99 | 432 | 520 | <67 | 2,000 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 10/08/2009 | 56.37 | - | 10.11 | 46.26 | - | 3.51 | -22.30 | 13.26 | 6.90 | 461 | 570 | <69 | 330 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 10/15/2009 | 56.37 | - | 10.18 | 46.19 | - | 3.54 | -73.10 | 13.97 | 6.99 | 462 | 1,000 | <66 | 420 | - | - | - | - | - | - | - | - | 68 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 10/22/2009 | 56.37 | - | 10.03 | 46.34 | - | 2.00 | -12.70 | 13.53 | 6.37 | 449 | 1,100 | <66 | 370 | - | - | - | - | - | - | - | - | 76 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 11/18/2009 | 56.37 | - | 9.11 | 47.26 | - | 5.87 | 119.50 | 10.55 | 6.35 | 499 | 860 | <70 | 1,500 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 12/03/2009 | 56.37 | - | 8.16 | 48.21 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 12/16/2009 | 56.37 | - | - | - | - | - | - | - | - | - | 53 J | <69 | <50 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 01/27/2010[54] | 56.37 | - | 8.50 | 47.87 | - | 1.70 | 69.00 | 12.20 | 6.76 | 277 | <30[12] | <70[12] | 58 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 02/12/2010[54] | 56.37 | - | 8.60 | 47.77 | - | 1.20 | 76.00 | 10.50 | 7.15 | 287 | <30[12] | <69[12] | <50 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 03/30/2010 | 56.37 | - | 7.66 | 48.71 | - | - | - | - | - | - | <30[12] | <69[12] | 63 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 06/18/2010 | 56.37 | - | 7.80 | 48.57 | - | - | - | - | - | - | <30[12] | <69[12] | <50 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 09/02/2010 | 56.37 | - | 9.33 | 47.04 | - | 1.33 | 30 | 14.6 | 6.85 | 324 | 770 | <71 | 1,600 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 12/07/2010 | 56.37 | - | 9.33 | 47.04 | - | - | - | - | - | - | 320[12] | <72[12] | 440 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 03/07/2011 | 56.37 | - | 6.98 | 49.39 | - | 2.6 | 26 | - | - | - | <30[12] | <69[12] | <50 | - | - | - | - | - | - | - | - | <80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 06/09/2011 | 56.37 | - | 6.48 | 49.89 | - | 4.6 | -116 | - | - | - | 37[12] | 73[12] | 110 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 09/16/2011 | 56.37 | - | 8.10 | 48.27 | - | - | - | - | - | - | <31[12] | 870[12] | <50 | - | - | - | - | - | - | - | - | <80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 12/13/2011 | 56.37 | - | 8.65 | 47.72 | - | 2.1 | 28.7 | - | - | - | <29[12] | <68[12] | 530 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 12/19/2011 | 56.37 | - | 8.65 | 47.72 | - | 2.0 | 25.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 03/15/2012 | 56.37 | - | 9.75 | 46.62 | - | 1.1 | 92.4 | - | - | - | <30[12] | <69[12] | <50 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 06/13/2012 | 56.37 | - | 7.00 | 49.37 | - | 3.05 | 96.4 | - | - | - | <30[12] | <71[12,40] | <50 | - | - | - | - | - | - | - | - | <200[41] | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 09/10/2012 | 56.37 | - | 8.40 | 47.97 | - | 0 | -36.7 | - | - | - | 74[12] | <69[12,40,43] | 160 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 12/10/2012 | 56.37 | - | 7.31 | 49.06 | - | 0 | -101.2 | - | - | - | <30[12] | <69[12,40] | <50 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 03/11/2013 | 56.37 | - | 6.68 | 49.69 | - | 3.18 | 108.1 | - | - | - | <29[12] | <67[12,40] | <50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 06/12/2013 | 56.37 | - | 6.91 | 49.46 | - | 1.60 | 103.1 | - | - | - | <28 | <66[40] | <50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 09/18/2013 | 56.37 | - | 8.08 | 48.29 | - | 3.88 | 92.8 | - | - | - | 120 | <67[40,47] | 150 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 12/11/2013 | 56.37 | - | 7.64 | 48.73 | - | 2.40 | -63.6 | - | - | - | <28 | <66[40] | <50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-4 | 03/12/2014 | 56.37 | - | 7.64 | 48.73 | - | 3.88 | 98.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **MW-4** | **09/27/2014** | **56.37** | **-** | **8.11** | **48.26** | **-** | **1.88** | **66.9** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** |
| MW-5 | 01/29/1992 | - | - | - | - | - | - | - | - | - | - | 2,000 | ND | 2,000 | 345 | 32 | 213 | 95 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/25/1992 | 97.77 | - | - | - | - | - | - | - | - | - | 4,100 | ND | 2,740 | 833 | 80 | 491 | 172 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 02/24/1993 | 97.77 | - | 9.35 | 88.42 | - | - | - | - | - | - | 6,620 | ND | 509 | 254 | ND | 7.0 | 6.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 05/17/1993 | 97.77 | - | 9.21 | 88.56 | - | - | - | - | - | - | 410 | ND | ND | 15.5 | ND | 2.0 | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 08/02/1993 | 97.77 | - | 9.59 | 88.18 | - | - | - | - | - | - | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 08/24/1993 | 97.77 | - | - | - | - | - | - | - | - | - | - | - | 260 | 62.0 | 8.0 | ND | 9.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 11/03/1993 | 97.77 | - | 11.00 | 86.77 | - | - | - | - | - | - | 1,800 | ND | 1,780 | 243 | 1.0 | 38 | 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 02/15/1994 | 97.77 | - | 10.76 | 87.01 | - | - | - | - | - | - | 1,610 | ND | 950 | 914 | 165 | 49 | 148 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 05/20/1994 | 97.77 | - | 10.15 | 87.62 | - | - | - | - | - | - | 2,200 | ND | 3,180 | 599 | 108 | 22 | 129 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 08/23/1994 | 97.77 | - | 10.95 | 86.82 | - | - | - | - | - | - | 2,160 | ND | 3,310 | 701 | 140 | 45 | 207 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 11/16/1994 | 97.77 | - | 11.22 | 86.55 | - | - | - | - | - | - | 1,620 | ND | 1,090 | 258 | 54 | 15 | 135 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 02/10/1995[1] | 97.77 | - | 10.36 | 87.41 | - | - | - | - | - | - | 2,000 | 310 | 4,200 | 560 | 24 | 140 | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 05/12/1995[1] | 97.77 | - | 9.86 | 87.91 | - | - | - | - | - | - | 2,200 | ND | 1,200 | 480 | 13 | 110 | 120 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 08/11/1995[1] | 97.77 | - | 10.68 | 87.09 | - | - | - | - | - | - | 1,700 | ND | 4,400 | 400 | 14 | 140 | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 11/02/1995[1] | 97.77 | - | 10.89 | 86.88 | - | - | - | - | - | - | 1,800 | ND | 4,600 | 500 | 16 | 110 | 160 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 01/31/1996 | 97.77 | - | 8.40 | 89.37 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-5 | 05/09/1996 | 97.77 | - | 8.73 | 89.04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 02/03/1997 | 97.77 | - | 7.20 | 90.57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 08/05/1997 | 97.77 | - | 9.36 | 88.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 02/11/1998 | 97.77 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 08/27/1998 | 97.77 | - | 10.14 | 87.63 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 01/19/1999 | 97.77 | - | 8.31 | 89.46 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 08/30/1999 | 97.77 | - | 9.58 | 88.19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/13/2000 | 97.77 | - | 8.57 | 89.20 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/19/2000[27,11] | 97.77 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/20/2001[27,11] | 97.77 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 08/21/2001[27,11] | 97.77 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/11/2002 | 97.77 | - | 8.50 | 89.27 | - | - | - | - | - | - | <250[12] | <750[12] | <50 | <0.50 | <0.50 | <0.50 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 07/03/2002 | 97.77 | - | 8.96 | 88.81 | - | - | - | - | - | - | <250[12] | <750[12] | <50 | <0.50 | <0.50 | <0.50 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/13/2002 | 97.77 | - | 10.43 | 87.34 | - | - | - | - | - | - | <250[12] | <250[12] | 72 | 0.85 | <0.50 | <0.50 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/16/2002 | 97.77 | - | 10.59 | 87.18 | - | - | - | - | - | - | 820[12] | <250[12] | 730 | 80 | 1.6 | 6.7 | <1.5 | - | <5.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/06/2003 | 97.77 | - | 9.84 | 87.93 | - | - | - | - | - | - | <250[12] | <250[12] | <50 | 0.54 | <0.50 | <0.50 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 06/04/2003 | 97.77 | - | 9.30 | 88.47 | - | - | - | - | - | - | <250[12] | <250[12] | <50 | 5.3 | <0.5 | <0.5 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/11/2003 | 97.77 | - | 10.86 | 86.91 | - | - | - | - | - | - | 1,300[12] | <250[12] | 990 | 110 | 1.7 | 7.7 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/17/2003 | 97.77 | - | 8.86 | 88.91 | - | - | - | - | - | - | <250[12] | <250[12] | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/17/2004 | 97.77 | - | 8.22 | 89.55 | - | - | - | - | - | - | <250[12] | <250[12] | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 06/11/2004 | 97.77 | - | 8.42 | 89.35 | - | - | - | - | - | - | <250[12] | <250[12] | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/21/2004[27] | 97.77 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/21/2004 | 97.77 | - | 6.85 | 90.92 | - | - | - | - | - | - | <250[12] | <250[12] | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 07/02/2005[16] | 96.85 | - | 8.31 | 88.54 | - | 1.3 | 71 | - | - | - | 100[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | - | 4.1 | - | - | <0.5 | <0.5 | <5 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-5 | 09/15/2005[16] | 96.85 | - | 9.48 | 87.37 | - | 2.1 | 62 | - | - | - | 100[12] | <98[12] | 130 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | - | 4.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/31/2005[16] | 96.85 | - | 8.98 | 87.87 | - | 1.9 | 64 | - | - | - | <80[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | <0.87 | 2.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/11/2006[16] | 96.85 | - | 8.18 | 88.67 | - | 1.8 | 63 | - | - | - | <80[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | <0.87 | 1.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 06/13/2006[16] | 96.85 | - | 7.89 | 88.96 | - | 1.7 | 60 | - | - | - | <79[12] | <99[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | <0.51 | <0.51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 08/10/2006[21] | 96.85 | - | 8.90 | 87.95 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/05/2006[16,21] | 96.85 | - | 8.82 | 88.03 | - | 5.4 | 10 | - | - | - | 64[22] | 90[22] | 100 | <1.0 | 0.071[22] | <1.0 | <3.0 | - | <1.0 | 0.050[22,23] | 12[23] | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 01/24/2007[21] | 96.85 | - | 8.13 | 88.72 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 05/08/2007 | 96.85 | - | 8.19 | 88.66 | - | 2.6 | 93 | - | - | - | <130 | - | 58 | <1.0 | <1.0 | <1.0 | <2.0 | - | <1.0 | <2.0 | 18 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 06/04/2007 | 56.54 | - | 8.59 | 47.95 | - | 4.8 | 19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/05/2007 | 56.54 | - | 9.07 | 47.47 | - | 4.8 | 38 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/19/2007 | 56.54 | - | 9.24 | 47.30 | - | 4.6 | 32 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/06/2008 | 56.54 | - | 8.22 | 48.32 | - | 4.4 | 39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 06/16/2008 | 56.54 | - | 7.04 | 49.50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/11/2008 | 56.54 | - | 7.48 | 49.06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 11/20/2008 | 56.54 | - | 7.45 | 49.09 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/04/2009 | 56.54 | - | 6.92 | 49.62 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 06/04/2009 | 56.54 | - | 7.30 | 49.24 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/03/2009 | 56.54 | - | 8.38 | 48.16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/30/2010 | 56.54 | - | 7.65 | 48.89 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 06/18/2010 | 56.54 | - | 8.07 | 48.47 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/02/2010 | 56.54 | - | 9.64 | 46.90 | - | 1.17 | 49 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potenti | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-5 | 12/07/2010 | 56.54 | - | 9.56 | 46.98 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/07/2011 | 56.54 | - | 7.10 | 49.44 | - | 1.8 | 39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 06/09/2011 | 56.54 | - | 6.41 | 50.13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/16/2011 | 56.54 | - | 8.40 | 48.14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/13/2011 | 56.54 | - | 9.00 | 47.54 | - | 1.9 | 60.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/19/2011 | 56.54 | - | 8.90 | 47.64 | - | 1.8 | 57.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/15/2012 | 56.54 | - | 8.80 | 47.74 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 06/13/2012 | 56.54 | - | 7.15 | 49.39 | - | 1.1 | 88.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/10/2012 | 56.54 | - | 8.76 | 47.78 | - | 0 | -20.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/10/2012 | 56.54 | - | 7.82 | 48.72 | - | 0 | -58.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/11/2013 | 56.54 | - | 6.98 | 49.56 | - | 0.89 | 93.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 06/12/2013 | 56.54 | - | 7.22 | 49.32 | - | 1.36 | 101.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/18/2013 | 56.54 | - | 8.60 | 47.94 | - | 3.21 | 122.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 12/11/2013 | 56.54 | - | 8.10 | 48.44 | - | 2.96 | -33.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 03/12/2014 | 56.54 | - | 8.86 | 47.68 | - | 2.92 | 89.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 09/27/2014 | 56.54 | - | 8.63 | 47.91 | - | 2.02 | -63.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 01/29/1992 | - | - | - | - | - | - | - | - | - | - | ND | ND | ND | 39 | 3.0 | 2.0 | 8.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/25/1992 | 97.40 | - | - | - | - | - | - | - | - | - | ND | ND | ND | 5.5 | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 02/24/1993 | 97.40 | - | 9.33 | 88.07 | - | - | - | - | - | - | 360 | ND | ND | 8.6 | ND | ND | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 05/17/1993 | 97.40 | - | 9.03 | 88.37 | - | - | - | - | - | - | 930 | ND | ND | 19.0 | ND | ND | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 08/02/1993 | 97.40 | - | 9.99 | 87.41 | - | - | - | - | - | - | 290 | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 08/24/1993 | 97.40 | - | - | - | - | - | - | - | - | - | - | - | ND | 5.0 | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 11/03/1993 | 97.40 | - | 10.35 | 87.05 | - | - | - | - | - | - | ND | ND | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 02/15/1994 | 97.40 | - | 10.14 | 87.26 | - | - | - | - | - | - | ND | ND | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 05/20/1994 | 97.40 | - | 9.79 | 87.61 | - | - | - | - | - | - | 270 | ND | ND | 7.7 | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 08/23/1994 | 97.40 | - | 10.49 | 86.91 | - | - | - | - | - | - | ND | ND | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 11/16/1994 | 97.40 | - | 10.47 | 86.93 | - | - | - | - | - | - | 440 | ND | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 02/10/1995[1] | 97.40 | - | 9.84 | 87.56 | - | - | - | - | - | - | 240 | 240 | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 05/12/1995[1] | 97.40 | - | 9.64 | 87.76 | - | - | - | - | - | - | 270 | ND | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 08/11/1995[1] | 97.40 | - | 10.13 | 87.27 | - | - | - | - | - | - | ND | ND | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 11/02/1995[1] | 97.40 | - | 10.27 | 87.13 | - | - | - | - | - | - | 390 | ND | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 01/31/1996 | 97.40 | - | 8.48 | 88.92 | - | - | - | - | - | - | 270 | ND | 59 | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 05/09/1996 | 97.40 | - | 8.78 | 88.62 | - | - | - | - | - | - | 494 | ND | ND | 0.587 | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 02/03/1997 | 97.40 | - | 7.75 | 89.65 | - | - | - | - | - | - | 280 | 1,100 | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 08/05/1997 | 97.40 | - | 9.00 | 88.40 | - | - | - | - | - | - | ND | ND | 54.6 | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 02/11/1998 | 97.40 | - | 9.48 | 87.92 | - | - | - | - | - | - | 269 | ND | ND | 0.917 | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 08/27/1998 | 97.40 | - | 9.81 | 87.59 | - | - | - | - | - | - | ND | ND | ND | ND | ND | ND | ND | - | ND | - | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 01/19/1999 | 97.40 | - | 8.28 | 89.12 | - | - | - | - | - | - | 287 | ND | ND | 0.835 | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 08/30/1999 | 97.40 | - | 9.40 | 88.00 | - | - | - | - | - | - | ND | ND | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/13/2000 | 97.40 | - | 8.53 | 88.87 | - | - | - | - | - | - | 317 | ND | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/19/2000 | 97.40 | - | 9.52 | 87.88 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/20/2001 | 97.40 | - | 9.17 | 88.23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 08/21/2001 | 97.40 | - | 9.78 | 87.62 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/11/2002 | 97.40 | - | 8.09 | 89.31 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-6 | 07/03/2002 | 97.40 | - | 8.36 | 89.04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/13/2002 | 97.40 | - | 9.49 | 87.91 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/16/2002 | 97.40 | - | 10.02 | 87.38 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/06/2003 | 97.40 | - | 9.23 | 88.17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 06/04/2003 | 97.40 | - | 8.78 | 88.62 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/11/2003 | 97.40 | - | 10.33 | 87.07 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/17/2003 | 97.40 | - | 8.40 | 89.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/17/2004 | 97.40 | - | 7.51 | 89.89 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 06/11/2004 | 97.40 | - | 7.59 | 89.81 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/21/2004 | 97.40 | - | 7.43 | 89.97 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/21/2004 | 97.40 | - | 7.22 | 90.18 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 07/02/2005[16] | 97.40 | - | 8.30 | 89.10 | - | 2.8 | 83 | - | - | - | <80[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | - | 15.6 | - | - | <0.5 | <0.5 | <5 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-6 | 09/15/2005[16] | 97.40 | - | 9.22 | 88.18 | - | 3.6 | 95 | - | - | - | <82[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | - | 28.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/31/2005[16] | 97.40 | - | 8.75 | 88.65 | - | 3.2 | 91 | - | - | - | <81[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | <0.87 | 4.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/11/2006[16] | 97.40 | - | 8.22 | 89.18 | - | 3.1 | 89 | - | - | - | <81[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | <0.87 | <0.87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 06/13/2006[16] | 97.40 | - | 7.98 | 89.42 | - | 2.9 | 86 | - | - | - | <80[12] | <100[12] | <48 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | <0.51 | <0.51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 08/10/2006[21] | 97.40 | - | 8.82 | 88.58 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/05/2006[16,21] | 97.40 | - | 8.53 | 88.87 | - | 3.4 | 18 | - | - | - | 49[22] | 110[22] | <50 | <1.0 | <1.0 | <1.0 | <3.0 | - | <1.0 | 0.050[22,23] | 45[23] | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 01/24/2007[21] | 97.40 | - | 7.88 | 89.52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 05/08/2007 | 97.40 | - | 8.04 | 89.36 | - | 1.9 | 62 | - | - | - | <130 | - | <50 | <1.0 | <1.0 | <1.0 | <2.0 | - | <1.0 | <2.0 | 18 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 06/04/2007 | 57.07 | - | 8.78 | 48.29 | - | 3.1 | 22 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/05/2007 | 57.07 | 12.57 | 9.85 | 47.22 | - | 3.3 | 37 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/19/2007 | 57.07 | - | 9.21 | 47.86 | - | 3.2 | 31 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/06/2008 | 57.07 | - | 8.34 | 48.73 | - | 3.1 | 42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 06/16/2008 | 57.07 | - | 7.72 | 49.35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/11/2008 | 57.07 | - | 7.98 | 49.09 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 11/20/2008 | 57.07 | - | 7.90 | 49.17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/04/2009 | 57.07 | - | 7.68 | 49.39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 06/04/2009 | 57.07 | - | 8.06 | 49.01 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/03/2009 | 57.07 | - | 8.29 | 48.78 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/30/2010 | 57.07 | - | 8.26 | 48.81 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 06/18/2010 | 57.07 | - | 8.23 | 48.84 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/07/2010 | 57.07 | - | 9.30 | 47.77 | - | 0.8 | 39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/07/2010 | 57.07 | - | 9.10 | 47.97 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/07/2011 | 57.07 | - | 7.52 | 49.55 | - | 1.1 | 42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 06/09/2011 | 57.07 | - | 7.27 | 49.80 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/16/2011 | 57.07 | - | 8.52 | 48.55 | - | 1.2 | 38.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/13/2011 | 57.07 | - | 8.60 | 48.47 | - | 2.1 | 63.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/19/2011 | 57.07 | - | 8.52 | 48.55 | - | 1.8 | 64.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/15/2012 | 57.07 | - | 8.50 | 48.57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 06/13/2012 | 57.07 | - | 7.40 | 49.67 | - | 0.92 | 76.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/10/2012 | 57.07 | - | 8.60 | 48.47 | - | 0 | -17.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/10/2012 | 57.07 | - | 7.61 | 49.46 | - | 0 | -68.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/11/2013 | 57.07 | - | 7.07 | 50.00 | - | 0.76 | 108.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 06/12/2013 | 57.07 | - | 6.83 | 50.24 | - | 1.22 | 89.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenzo(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-6 | 09/18/2013 | 57.07 | - | 8.44 | 48.63 | - | 3.11 | 118.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 12/11/2013 | 57.07 | - | 7.81 | 49.26 | - | 2.91 | 42.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 03/12/2014 | 57.07 | - | 12.06 | 45.01 | - | 4.90 | 79.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 09/27/2014 | 57.07 | - | 8.48 | 48.59 | - | 1.96 | 73.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 01/29/1992 | - | - | - | - | - | - | - | - | - | - | ND | ND | 30,000 | 3,400 | 870 | 2,900 | 4,500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/25/1992 | 97.61 | - | - | - | - | - | - | - | - | - | ND | ND | 2,770 | 863 | 81 | 509 | 168 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 02/24/1993 | 97.61 | - | 9.99 | 87.62[6] | 0.15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 05/17/1993 | 97.61 | - | 9.90 | 87.71[6] | 0.15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/02/1993 | 97.61 | - | 9.99 | 87.62 | - | - | - | - | - | - | 13,800 | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/24/1993 | 97.61 | - | - | - | - | - | - | - | - | - | - | - | 88,000 | 1,100 | 620 | 2,200 | 13,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 11/03/1993 | 97.61 | - | 11.01 | 86.60 | - | - | - | - | - | - | 59,000 | ND | 100,000 | 2,500 | 898 | 6,300 | 6,470 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 02/15/1994 | 97.61 | - | 10.85 | 86.76 | - | - | - | - | - | - | 1,340 | ND | 31,000 | 1,210 | 751 | 2,910 | 3,960 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 05/20/1994 | 97.61 | - | 10.34 | 87.27 | - | - | - | - | - | - | 4,950 | ND | 47,000 | 1,200 | 700 | 2,000 | 4,200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/23/1994 | 97.61 | - | 11.13 | 86.48 | - | - | - | - | - | - | 11,200 | 800 | 25,400 | 1,070 | 844 | 2,200 | 4,130 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 11/16/1994 | 97.61 | - | 11.70 | 85.91 | - | - | - | - | - | - | 52,700 | 3,150 | 56,000 | 380 | 917 | 2,500 | 8,100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 02/10/1995[2] | 97.61 | - | 10.62 | 86.99 | - | - | - | - | - | - | 69,000 | ND | 93,000 | 1,200 | 3,700 | 1,300 | 8,100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 05/12/1995[3] | 97.61 | 10.14 | 10.14 | 87.47 | Sheen | - | - | - | - | - | 19,000 | 2,800 | 37,000 | 1,300 | 2,800 | 1,100 | 6,400 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/11/1995[4] | 97.61 | 10.79 | 10.79 | 86.82 | Sheen | - | - | - | - | - | 1,600 | ND | 61,000 | 440 | 2,000 | 1,300 | 6,100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 11/02/1995[5] | 97.61 | 11.12 | 11.12 | 86.49 | Sheen | - | - | - | - | - | 57,000 | ND | 94,000 | 360 | 1,300 | 1,000 | 5,500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 01/31/1996 | 97.61 | - | 9.20 | 88.41 | - | - | - | - | - | - | 3,700 | ND | 27,000 | 250 | 1,100 | 650 | 3,800 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 05/09/1996 | 97.61 | 9.40 | 9.40 | 88.21 | Sheen | - | - | - | - | - | 11,600 | ND | 163,000 | 638 | 2,390 | 1,850 | 10,600 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 02/03/1997 | 97.61 | - | 8.85 | 88.76 | - | - | - | - | - | - | 961 | ND | 10,600 | 11.1 | 10.6 | 32.3 | 185 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/05/1997 | 97.61 | 9.56 | 9.56 | 88.05 | Sheen | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 02/11/1998 | 97.61 | 9.52 | 9.52 | 88.09 | Sheen | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/27/1998[2] | 97.61 | 10.29 | 10.30 | 87.31[6] | 0.01 | - | - | - | - | - | 2,600 | ND | 62,000 | 1,600 | 7,440 | 1,340 | 9,210 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 01/19/1999 | 97.61 | - | 9.44 | 88.17 | - | - | - | - | - | - | 1,480 | ND | 9,190 | 59.6 | 2,070 | 251 | 935 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/30/1999 | 97.61 | 10.07 | 10.07 | 87.54 | Sheen | - | - | - | - | - | 5,580 | ND | 26,900 | 100 | 1,040 | 413 | 2,640 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/13/2000 | 97.61 | 9.30 | 9.30 | 88.31 | Sheen | - | - | - | - | - | 4,330 | ND | 49,600 | 795 | 4,500 | 1,080 | 7,190 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/19/2000[28] | 97.61 | 10.14 | 10.28 | 87.44*** | 0.14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/20/2001[29] | 97.61 | 9.84 | 9.98 | 87.76*** | 0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/21/2001[29] | 97.61 | 10.31 | 10.36 | 87.29*** | 0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/11/2002 | 97.61 | - | 9.23 | 88.38 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 07/03/2002 | - | - | 11.68 | - | - | - | - | - | - | - | 3,900[12] | <750[12] | 37,000 | 640 | 2,500 | 550 | 3,700 | - | <6.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 07/26/2002 | - | - | 10.81 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/17/2002 | - | - | 10.93 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/13/2002[29] | - | 12.33 | 12.36 | - | 0.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 10/15/2002 | - | - | 11.97 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 11/08/2002 | - | - | 12.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/16/2002[30] | - | 12.75 | 12.77 | - | 0.02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 01/11/2003 | - | 10.77 | 10.81 | - | 0.04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 02/14/2003 | - | 12.12 | 12.15 | - | 0.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/06/2003[29] | - | 11.92 | 11.94 | - | 0.02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 04/22/2003 | - | 12.01 | 12.04 | - | 0.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 05/21/2003 | - | 12.01 | 12.04 | - | 0.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| Units | | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-7 | 06/04/2003 | - | - | 11.84 | - | - | - | - | - | - | - | 6,300[12] | 600[12] | 96,000 | 580 | 4,100 | 1,500 | 10,000 | - | <20 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 07/17/2003 | - | 12.87 | 12.90 | - | 0.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/12/2003 | - | 12.04 | 12.06 | - | 0.02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/11/2003[28] | - | 12.95 | 13.01 | - | 0.06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 10/20/2003 | - | 12.78 | 12.82 | - | 0.04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/17/2003 | - | - | 11.32 | - | - | - | - | - | - | - | 15,000[12] | <2,400[12] | 53,000 | 80 | 820 | 530 | 4,700 | <2[10] | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/17/2004[28] | - | 10.88 | 10.90 | - | 0.02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 05/22/2004 | - | - | 11.39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 06/11/2004 | - | - | 10.98 | - | - | - | - | - | - | - | 8,800[12] | 2,200[12] | 1,600 | <1.0 | 1.3 | 8.2 | 57 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 07/22/2004 | - | 11.42 | 11.44 | - | 0.02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/01/2004 | - | 11.02 | 11.04 | - | 0.02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/21/2004 | - | - | 10.79 | - | - | - | - | - | - | - | 19,000[12] | 2,300[12] | 10,000 | <5.0 | 28 | 66 | 500 | - | <5.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/21/2004 | - | - | 10.31 | - | - | - | - | - | - | - | 5,700[12] | 1,000[12] | 25,000 | <5.0 | 180 | 270 | 2,100 | - | <5.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 07/02/2005[16] | 99.29 | - | 11.01 | 88.28 | - | 0.7 | -46 | - | - | - | 23,000[12,17] | 3,000[12] | 520 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | - | 786 | - | - | <0.5 | <0.5 | <5 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-7 | 09/15/2005[16] | 99.29 | - | 11.84 | 87.45 | - | 1.1 | 22 | - | - | - | 2,900[12,19] | 800[12] | 7,400 | 43 | 1,200 | 130 | 740 | - | <1 | - | 203 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/31/2005[16] | 99.29 | - | 11.61 | 87.68 | - | 0.9 | -24 | - | - | - | 3,600[12,17] | <490[12] | 20,000 | 45 | 1,900 | 470 | 2,600 | - | <3 | 12.8 | 34.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/11/2006[16] | 99.29 | - | 10.99 | 88.30 | - | 0.8 | -23 | - | - | - | 730[12] | 550[12] | 2,900 | <0.5 | 10 | 16 | 140 | - | <0.5 | 2.4 | 32.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 06/13/2006[16] | 99.29 | - | 10.81 | 88.48 | - | 0.9 | -17 | - | - | - | 14,000[12] | <2,000[12] | 160,000[20] | 8 | 1,100 | 640 | 4,800 | - | <3 | 15.5 | 159 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/10/2006[21,28] | 99.29 | 11.77 | 11.80 | 87.51*** | 0.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/05/2006[16,21] | 99.29 | - | 11.57 | 87.72 | - | 1.0 | -40 | - | - | - | 210,000 | 4,300 | 45,000 | 3.1 | 1,300 | 950 | 7,100 | - | <1.0 | 92[23] | 920[23] | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 01/24/2007[21,28] | 99.29 | 10.50 | 10.62 | 99.27*** | 0.12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 05/08/2007[25] | 99.29 | 10.81 | 10.88 | 88.47*** | 0.07 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 06/04/2007[16] | 58.98 | - | 11.56 | 47.42 | - | 0.7 | -37 | - | - | - | 2,200[17] | <190 | 9,200 | 14 | 360 | 67 | 520 | - | <0.5 | - | 26.2 | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | 0.22 | 0.26 | 0.24 | <0.098 | 0.19 | 0.11 | <0.098 |
| MW-7 | 09/05/2007[25] | 58.98 | 12.57 | 12.69 | 46.39*** | 0.12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/19/2007[16] | 58.98 | - | 12.22 | 46.76 | - | 0.4 | -38 | - | - | - | 21,000[12,17] | <2,500[12] | 15,000 | <1 | 210 | 250 | 1,500 | - | <1 | - | 52.5 | - | <1 | <1 | <1 | <4 | <1 | <1 | 0.25 | 0.34 | 0.28 | 0.11 | 0.23 | 0.14 | 0.047 |
| MW-7 | 03/06/2008[25] | 58.98 | 11.00 | 11.03 | 47.97*** | 0.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 06/16/2008[25] | 58.98 | 10.22 | 10.25 | 48.75*** | 0.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/11/2008[25] | 58.98 | 10.45 | 10.47 | 48.53*** | 0.02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 11/20/2008[16] | 58.98 | 10.46 | 10.47 | 48.52*** | 0.01 | - | - | - | - | - | 54,000[12,18] | <8,600[12] | 56,000[20,30] | <13 | 71 | 590 | 4,300 | <13 | - | - | - | - | <13 | <13 | <13 | <50 | <13 | <13 | - | - | - | - | - | - | - |
| MW-7 | 03/04/2009[16] | 58.98 | - | 9.67 | 49.31 | - | - | - | - | - | - | 13,000[12,17] | <680[13] | 2,400 | <0.5 | <0.5 | 4 | 65 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-7 | 06/04/2009[16] | 58.98 | - | 10.04 | 48.94 | - | - | - | - | - | - | 140[12,17] | <68[12] | 2,800 | <0.5 | <0.5 | 0.9 | 18 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-7 | 09/22/2009 | 58.98 | - | 12.08 | 46.90 | Sheen | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/23/2009 | 58.98 | - | 13.02 | 45.96 | - | - | - | - | - | - | 530,000 | 110,000 J | 370,000 | - | - | - | - | - | - | - | - | 3,000 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/24/2009 | 58.98 | - | 12.69 | 46.29 | - | 36.40 | 3.63 | 15.09 | 6.39 | 322 | 48,000 | 27,000 J | 160,000 | - | - | - | - | - | - | - | - | 330 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 10/01/2009 | 58.98 | - | 12.63 | 46.35 | - | 2.07 | -6.00 | 13.82 | 6.88 | 313 | 4,800 | 27,000 | 22,000 | - | - | - | - | - | - | - | - | 100 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 10/08/2009 | 58.98 | - | 12.81 | 46.17 | - | 2.38 | -42.40 | 16.69 | 7.34 | 303 | 590 | 440 J | 16,000 | - | - | - | - | - | - | - | - | 42 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 10/15/2009 | 58.98 | - | 12.95 | 46.03 | - | 1.94 | -43.10 | 15.11 | 6.82 | 303 | 790 | 430 | 14,000 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 10/22/2009 | 58.98 | - | 12.86 | 46.12 | - | 1.72 | -17.10 | 13.62 | 6.57 | 308 | 430 | 95 J | 11,000 | - | - | - | - | - | - | - | - | 60 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 11/18/2009 | 58.98 | - | 12.12 | 46.86 | - | 3.18 | 112.70 | 12.38 | 6.68 | 349 | 1,400 | 1,600 J | 24,000 | - | - | - | - | - | - | - | - | 67 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/03/2009[16] | 58.98 | - | 11.27 | 47.71 | - | 1.00 | -21.00 | 9.50 | 6.76 | 702 | 18,000[12,17] | <1,700[12] | 37,000 | <10[32] | 560 | 770 | 4,800 | <10[32] | - | - | - | - | <10 | <10 | <10 | <40 | <10 | <10 | - | - | - | - | - | - | - |
| MW-7 | 12/16/2009 | 58.98 | - | - | - | - | - | - | - | - | - | 2,000 | 970 J | 22,000 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 01/27/2010[34] | 58.98 | - | 11.24 | 47.74 | - | 1.40 | -36.00 | 12.80 | 7.11 | 496 | 9,700[12,25] | 1,700[12] | 33,000 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 02/12/2010[34] | 58.98 | - | 11.30 | 47.68 | - | 0.90 | -59.00 | 10.90 | 6.99 | 560 | 5,200[12,26] | 410[12] | 36,000 | - | - | - | - | - | - | - | - | 58 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/30/2010 | 58.98 | - | 10.85 | 48.13 | - | - | - | - | - | - | 8,400[12,17] | <1,400[13] | 32,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 06/18/2010[34] | 58.98 | - | 10.71 | 48.27 | - | - | - | - | - | - | 1,100[12,28] | 350[12] | 2,500 | <0.5 | 2 | 2 | 30 | - | - | - | - | 270 | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potenti | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-7 | 09/02/2010 | 58.98 | - | 12.21 | 46.77 | - | 0.98 | -54 | 15.7 | 6.79 | 412 | 3,500 | 370 | 22,000 | 2 | 480 | 720 | 4,200 | - | - | - | - | 240 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/07/2010 | 58.98 | - | 12.85 | 46.13 | - | - | - | - | - | - | 460[12] | <72[12] | 30,000 | <3 | 380 | 800 | 4,500 | - | - | - | - | 230 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/07/2011 | 58.98 | - | 9.71 | 49.27 | - | 2.2 | -64 | - | - | - | 2,000[12] | 1,100[12] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | <200 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 06/09/2011 | 58.98 | - | 9.28 | 49.70 | - | 1.9 | 18 | - | - | - | 780[12] | 360[12] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | 170 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/16/2011 | 58.98 | - | 10.90 | 48.08 | - | 0 | -97.2 | - | - | - | 330[12] | <69[12] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/13/2011 | 58.98 | - | 11.40 | 47.58 | - | 1.7 | 17.0 | - | - | - | 33[12] | <67[12] | 2,100 | 0.9 | 91 | 82 | 440 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/19/2011 | 58.98 | - | 11.33 | 47.65 | - | 1.7 | 16.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 260 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/15/2012 | 58.98 | - | 9.80 | 49.18 | - | 0 | -77.2 | - | - | - | 120[12] | <69[12] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 06/13/2012 | 58.98 | - | 9.60 | 49.38 | - | 2.5 | 183.7 | - | - | - | 86[12] | <72[12,38,40] | 230 | <0.5 | <0.5 | 0.8 | <0.5 | - | - | - | - | 100[41] | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/10/2012 | 58.98 | - | 11.20 | 47.78 | - | 0.05 | -32.8 | - | - | - | 860[12] | <700[12,38,41,42] | 240 | <0.5 | 4 | 5 | 29 | - | - | - | - | 130 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/10/2012 | 58.98 | - | 10.21 | 48.77 | - | 0 | -88.6 | - | - | - | 300[12] | 140[12,40,47] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | 80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/11/2013 | 58.98 | - | 9.41 | 49.57 | - | 1.92 | 101.8 | - | - | - | 330[12] | 200[12,40,47] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 06/12/2013 | 58.98 | - | 9.85 | 49.13 | - | 2.42 | 111.6 | - | - | - | 82 | <68[40,47] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/18/2013 | 58.98 | - | 11.16 | 47.82 | - | 2.26 | 99.8 | - | - | - | 190 | <67[40,51] | 1,300 | 0.8 | 150 | 41 | 210 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 12/11/2013 | 58.98 | - | 10.67 | 48.31 | - | 2.48 | 31.2 | - | - | - | 360 | 190[40,47] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 03/12/2014 | 58.98 | - | 9.18 | 49.80 | - | 3.11 | -78.4 | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 09/27/2014 | 58.98 | - | 11.23 | 47.75 | - | 2.90 | -80.1 | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 01/29/1992 | - | - | - | - | - | - | - | - | - | - | 2,000 | ND | 37,000 | 4,600 | 320 | 8,900 | 1,600 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/25/1992 | 97.52 | - | - | - | - | - | - | - | - | - | 5,350 | ND | 24,000/25,000 | 6,100/6,400 | 378/376 | 8,000/8,200 | 1,600/1,700 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 02/24/1993 | 97.52 | - | 9.90 | 87.62 | - | - | - | - | - | - | 590 | ND | 28,000 | 520 | 200 | 8,300 | 950 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 05/17/1993 | 97.52 | - | 9.63 | 87.89 | - | - | - | - | - | - | 540 | ND | 34,000 | 2,000 | 180 | 11,000 | 770 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 08/02/1993 | 97.52 | - | 10.19 | 87.33 | - | - | - | - | - | - | 970 | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 08/24/1993 | 97.52 | - | - | - | - | - | - | - | - | - | - | - | 68,000 | 1,050 | 220 | 16,000 | 1,660 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 11/03/1993 | 97.52 | - | 11.28 | 86.24 | - | - | - | - | - | - | 1,340 | ND | 2,100 | 18.9 | ND | ND | 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 02/15/1994 | 97.52 | - | 11.15 | 86.37 | - | - | - | - | - | - | 1,630 | ND | 2,860 | 942 | 140 | 377 | 286 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 05/20/1994 | 97.52 | - | 10.56 | 86.96 | - | - | - | - | - | - | 910 | ND | 14,000 | 740 | 130 | 3,600 | 410 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 08/23/1994 | 97.52 | - | 11.41 | 86.11 | - | - | - | - | - | - | 1,830 | ND | 7,990 | 2,060 | 298 | 1,160 | 1,160 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 11/16/1994 | 97.52 | - | 11.70 | 85.82 | - | - | - | - | - | - | 2,160 | ND | 17,600 | 1,130 | 207 | 2,700 | 892 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 02/10/1995[7] | 97.52 | - | 10.87 | 86.65 | - | - | - | - | - | - | 1,600 | 500 | 10,000 | 1,100 | 1,300 | 180 | 820 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 05/12/1995[1] | 97.52 | - | 10.37 | 87.15 | - | - | - | - | - | - | 870 | ND | 19,000 | 1,200 | 5,700 | 240 | 1,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 08/11/1995[1] | 97.52 | - | 10.98 | 86.54 | - | - | - | - | - | - | 990 | ND | 9,000 | 470 | 860 | 320 | 1,300 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 11/02/1995[1] | 97.52 | - | 11.35 | 86.17 | - | - | - | - | - | - | 1,700 | 1,100 | 11,000 | 820 | 710 | 300 | 1,200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 01/31/1996 | 97.52 | - | 9.03 | 88.49 | - | - | - | - | - | - | 510 | ND | 15,000 | 370 | 4,600 | 170 | 710 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 05/09/1996 | 97.52 | - | 9.37 | 88.15 | - | - | - | - | - | - | 300 | ND | 17,000 | 421 | 6,200 | 198 | 807 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 02/03/1997 | 97.52 | - | 8.27 | 89.25 | - | - | - | - | - | - | 360 | ND | 11,600 | 258 | 3,750 | 225 | 910 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 08/05/1997 | 97.52 | - | 9.46 | 88.06 | - | - | - | - | - | - | ND | ND | 9,160 | ND | 1,810 | 167 | 615 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 02/11/1998 | 97.52 | - | 9.97 | 87.55 | - | - | - | - | - | - | ND | ND | 6,310 | 476 | 680 | 158 | 585 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 08/27/1998 | 97.52 | - | 10.50 | 87.02 | - | - | - | - | - | - | ND | ND | 2,810 | ND | 425 | 113 | 448 | - | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 01/19/1999 | 97.52 | - | 9.12 | 88.40 | - | - | - | - | - | - | 271 | ND | ND[9] | ND[9] | 249 | 27.4 | 96.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 08/30/1999 | 97.52 | - | 10.01 | 87.51 | - | - | - | - | - | - | 623 | ND | 1,180 | 15.8 | 17.8 | 57.9 | 198 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/13/2000 | 97.52 | - | 9.19 | 88.33 | - | - | - | - | - | - | 318 | ND | 1,990 | 11.5 | 168 | 73.4 | 255 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/19/2000 | 97.52 | - | 10.21 | 87.31 | - | - | - | - | - | - | 268 | ND | 1,540 | ND[9] | ND[9] | 66.3 | 239 | - | ND[9] | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/20/2001 | 97.52 | - | 10.10 | 87.42 | - | - | - | - | - | - | - | - | ND[9] | ND[9] | ND[9] | ND[9] | 117 | ND[9] | ND[10] | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 08/21/2001 | 97.52 | - | 12.31 | 85.21 | - | - | - | - | - | - | 309 | <500 | 5,230 | 33.8 | 6.81 | 58.9 | 196 | <5.00[1] | 27.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-8 | 03/11/2002 | 97.52 | - | 9.14 | 88.38 | - | - | - | - | - | - | 250[12] | <750[12] | 1,100 | 6.4 | 41 | 73 | 250 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 07/03/2002 | 97.52 | - | 9.60 | 87.92 | - | - | - | - | - | - | <250[12] | <750[12] | 1,100 | <2.0 | <5.0 | 69 | 230 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/13/2002 | 97.52 | - | 9.99 | 87.53 | - | - | - | - | - | - | 390[12] | <250[12] | 920 | <20 | 2.1 | 34 | 150 | <2[10] | 67 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/16/2002 | 97.52 | - | 11.00 | 86.52 | - | - | - | - | - | - | 520[12] | <250[12] | 1,300 | <50 | 4.8 | 30 | 69 | - | <20 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/06/2003[27] | 97.52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 06/04/2003 | 97.52 | - | 9.85 | 87.67 | - | - | - | - | - | - | 300[12] | <250[12] | 680 | <50 | 1.9 | 31 | 110 | - | <50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/11/2003 | 97.52 | - | 11.08 | 86.44 | - | - | - | - | - | - | 650[12] | <250[12] | 2,400 | 31 | 14 | 110 | 170 | - | <5.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/06/2003[27] | 97.52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/17/2004[27] | 97.52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 06/11/2004[27] | 97.52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/21/2004[27] | 97.52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/21/2004[27] | 97.52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 08/10/2006[16,21] | 97.52 | - | 9.30 | 97.52 | - | 7.5 | -50 | - | - | - | 210 | <110 | 580 | 1 | <0.5 | 14 | 29 | - | <0.5 | <0.047 | 8.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/05/2006[16,21] | 97.52 | - | 9.26 | 88.26 | - | 1.1 | -56 | - | - | - | 230[22] | 170[22] | 850 | 0.64[22] | 0.49[22] | 24 | 62.9 | - | <1.0 | 0.51[22,23] | 15[23] | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 01/24/2007[16,21] | 97.52 | - | 8.41 | 89.11 | - | 1.6 | -71 | - | - | - | 180 | <270 | 690 | <1.0 | <1.0 | 30 | 98.1 | - | <1.0 | <2.0 | 19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 05/08/2007 | 97.52 | - | 8.65 | 88.87 | - | 1.5 | 16 | - | - | - | 410 | - | 1,200 | <2.0 | 28 | 37 | 155 | - | <2.0 | <2.0 | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 06/04/2007 | 56.56 | - | 9.03 | 47.53 | - | 1.4 | -67 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/05/2007 | 56.56 | - | 9.70 | 46.86 | - | 1.4 | -68 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/19/2007[18] | 56.56 | - | 9.88 | 46.68 | - | 2.5 | 54 | - | - | - | 1,200[12,23] | 860[12] | 570 | <0.5 | 0.7 | 3 | 4 | - | <0.5 | - | 8.0 | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | 0.010 | 0.011 | 0.018 | <0.0099 | 0.013 | <0.0099 | <0.0099 |
| MW-8 | 03/06/2008[24] | 56.56 | - | 8.48 | 48.08 | - | 2.3 | 37 | - | - | - | - | - | 260 | <0.5 | <0.5 | 8 | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 06/16/2008[24] | 56.56 | - | 7.72 | 48.84 | - | - | - | - | - | - | - | - | 190 | <1 | <1 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/11/2008[24] | 56.56 | - | 8.10 | 48.46 | - | - | - | - | - | - | - | - | 510 | <1 | <1 | 16 | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 11/20/2008[24] | 56.56 | - | 8.22 | 48.34 | - | - | - | - | - | - | - | - | 280 | <0.5 | <0.5 | 3 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/04/2009[24] | 56.56 | - | 7.39 | 49.17 | - | - | - | - | - | - | - | - | 180 | <0.5 | <0.5 | 4 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 06/04/2009[24] | 56.56 | - | 7.68 | 48.88 | - | - | - | - | - | - | - | - | 730 | <3 | <3 | 20 | 47 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/22/2009 | 56.56 | - | 9.69 | 46.87 | - | 0.24 | -352.00 | 16.40 | 6.41 | 424 | 880 | 1,300 | 550 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 10/01/2009 | 56.56 | - | 10.28 | 46.28 | - | 2.14 | -48.40 | 13.79 | 7.38 | 355 | 76 J | 94 J | 380 | - | - | - | - | - | - | - | - | 66 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 10/08/2009 | 56.56 | - | 10.51 | 46.05 | - | 5.93 | 48.60 | 14.09 | 6.74 | 447 | 89 J | <69 | 620 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 10/15/2009 | 56.56 | - | 10.65 | 45.91 | - | 5.78 | -98.20 | 14.21 | 7.59 | 400 | 340 | 310 J | 420 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 10/22/2009 | 56.56 | - | 10.60 | 45.96 | - | 4.18 | -81.90 | 14.15 | 8.24 | 365 | 77 J | <67 | 480 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 11/18/2009 | 56.56 | - | 9.71 | 46.85 | - | 2.59 | 105.90 | 11.11 | 7.35 | 437 | 140 | <70 | 510 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/03/2009[24] | 56.56 | - | 8.87 | 47.69 | - | 1.70 | 16.00 | 9.60 | 6.82 | 459 | - | - | 580 | <1 | <1 | 7 | 28 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/16/2009 | 56.56 | - | - | - | - | - | - | - | - | - | 240 | <66 | 420 | - | - | - | - | - | - | - | - | 43 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 01/27/2010[24] | 56.56 | - | 8.90 | 47.66 | - | 1.20 | 22.00 | 12.80 | 6.89 | 396 | 190[12,25] | <69[12] | 790 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 02/12/2010[24] | 56.56 | - | 8.98 | 47.58 | - | 2.10 | 22.00 | 10.60 | 7.18 | 478 | 180[12,26] | <70[12] | 570 | - | - | - | - | - | - | - | - | 170 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/30/2010 | 56.56 | - | 8.45 | 48.11 | - | - | - | - | - | - | 91[12,26] | <70[12] | 710 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 06/18/2010 | 56.56 | - | 8.32 | 48.24 | - | - | - | - | - | - | 390[12,26] | 380[12] | 1,000 | - | - | - | - | - | - | - | - | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/02/2010 | 56.56 | - | 9.87 | 46.69 | - | 1.08 | -16 | 15.0 | 6.95 | 354 | 290 | 330 | 390 J | - | - | - | - | - | - | - | - | 55 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/07/2010 | 56.56 | - | 9.81 | 46.75 | - | - | - | - | - | - | 390[12] | 470[12] | 610 | - | - | - | - | - | - | - | - | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/07/2011 | 56.56 | - | 7.46 | 49.10 | - | 0.9 | 76 | - | - | - | 590[12] | 530[12] | 520 | - | - | - | - | - | - | - | - | <200 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 06/09/2011 | 56.56 | - | 6.95 | 49.61 | - | 2.6 | 28 | - | - | - | 19,000[12] | <3,500[12] | 280 | - | - | - | - | - | - | - | - | 160 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/16/2011 | 56.56 | - | 8.48 | 48.08 | - | 0 | -173.7 | - | - | - | 76[12] | 170[12] | 500 | - | - | - | - | - | - | - | - | 75 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/13/2011 | 56.56 | - | 9.10 | 47.46 | - | 1.7 | 44.3 | - | - | - | 66[12] | 130[12] | 460 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/19/2011 | 56.56 | - | 9.02 | 47.54 | - | 2.0 | 47.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 270 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/15/2012 | 56.56 | - | 9.70 | 46.86 | - | 1.3 | 110.4 | - | - | - | <29[12] | <68[12] | <50 | - | - | - | - | - | - | - | - | <80 | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenzo(a,h)anthracene |
| | Units | ft | ft | ft | ft-msl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-8 | 06/13/2012 | 56.56 | - | 7.35 | 49.21 | - | 1.43 | 214.8 | - | - | - | 430[12] | 610[12,40,42] | 330 | - | - | - | - | - | - | - | - | 110 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/10/2012 | 56.56 | - | 8.80 | 47.76 | - | 0.19 | -173.8 | - | - | - | <30[12] | <69[12,40] | 220 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/10/2012 | 56.56 | - | 8.05 | 48.51 | - | 0 | -92.3 | - | - | - | 220[12] | 310[12,35,40] | 630 | - | - | - | - | - | - | - | - | 86 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/11/2013 | 56.56 | - | 7.24 | 49.32 | - | 1.00 | 88.4 | - | - | - | 580[12] | 830[12,35,40] | 510 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 06/12/2013 | 56.56 | - | 7.43 | 49.13 | - | 0.00 | -102.6 | - | - | - | 200 | 360[47,49] | 610 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 09/18/2013 | 56.56 | - | 8.82 | 47.74 | - | 3.12 | 93.6 | - | - | - | 48 | 96[40,52] | 380 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 12/11/2013 | 56.56 | - | 8.36 | 48.20 | - | 3.89 | -88.3 | - | - | - | 100 | 190[40,53] | 500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 03/12/2014[27] | 56.56 | - | 7.02 | 49.54 | - | 2.49 | -99.0 | - | - | - | 500 | 510[40,53] | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **MW-8** | **09/27/2014** | **56.56** | - | **8.86** | **47.70** | - | **2.90** | **-80.3** | - | - | - | **16,000[53]** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 01/29/1992 | - | - | - | - | - | - | - | - | - | - | 1,000 | ND | ND | 1.0 | 1.0 | ND | 4.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 09/25/1992 | 98.15 | - | - | - | - | - | - | - | - | - | 1,970 | ND | 370 | 1.2 | ND | 1.0 | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 02/24/1993 | 98.15 | - | 10.07 | 88.08 | - | - | - | - | - | - | 2,340 | ND | 439 | 27 | ND | ND | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 05/17/1993 | 98.15 | - | 9.75 | 88.40 | - | - | - | - | - | - | 770 | ND | 330 | 5.9 | 1.0 | ND | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 08/02/1993 | 98.15 | - | 10.20 | 87.95 | - | - | - | - | - | - | 1,560 | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 08/24/1993 | 98.15 | - | - | - | - | - | - | - | - | - | - | - | 5,590 | 4.0 | 14 | 12 | 409 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 11/03/1993 | 98.15 | - | 11.43 | 86.72 | - | - | - | - | - | - | 990 | ND | 1,070 | 1.9 | 1.0 | ND | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 02/15/1994 | 98.15 | - | 11.27 | 86.88 | - | - | - | - | - | - | 750 | ND | 853 | 2.1 | ND | ND | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 05/20/1994 | 98.15 | - | 10.75 | 87.40 | - | - | - | - | - | - | 1,610 | ND | 740 | 0.6 | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 08/23/1994 | 98.15 | - | 11.69 | 86.46 | - | - | - | - | - | - | 1,220 | ND | 640 | 0.7 | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 11/16/1994 | 98.15 | - | 10.88 | 87.27 | - | - | - | - | - | - | 300 | ND | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 02/10/1995[1] | 98.15 | - | 10.94 | 87.21 | - | - | - | - | - | - | 890 | 400 | 950 | ND | ND | 1.5 | 6.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 05/12/1995[1] | 98.15 | - | 10.49 | 87.66 | - | - | - | - | - | - | 740 | ND | 910 | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 08/11/1995[1] | 98.15 | - | 11.14 | 87.01 | - | - | - | - | - | - | 1,800 | ND | 1,200 | 0.63 | ND | ND | 1.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 11/02/1995[1] | 98.15 | - | 11.49 | 86.66 | - | - | - | - | - | - | 980 | ND | 990 | 0.68 | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 01/31/1996 | 98.15 | - | 8.98 | 89.17 | - | - | - | - | - | - | 710 | ND | 740 | 2.6 | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 05/09/1996 | 98.15 | - | 9.31 | 88.84 | - | - | - | - | - | - | 477 | ND | 128 | ND | 0.740 | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 02/03/1997 | 98.15 | - | 7.70 | 90.45 | - | - | - | - | - | - | 355 | ND | 190 | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 08/05/1997 | 98.15 | - | 9.85 | 88.30 | - | - | - | - | - | - | 447 | ND | 236 | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 02/11/1998 | 98.15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 08/27/1998 | 98.15 | - | 10.72 | 87.43 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 01/19/1999 | 98.15 | - | 8.87 | 89.28 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 08/30/1999 | 98.15 | - | 10.18 | 87.97 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 03/13/2000 | 98.15 | - | 9.13 | 89.02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 09/19/2000 | 98.15 | - | 10.41 | 87.74 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 03/20/2001 | 98.15 | - | 10.07 | 88.08 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 08/21/2001 | 98.15 | - | 10.79 | 87.36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 12/16/2002[14] | - | - | 10.41 | - | - | - | - | - | - | - | <250[12] | <250[12] | 1,800 | <10 | 3.5 | 31 | 98 | <2[10] | 9.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 03/06/2003 | - | - | 9.74 | - | - | - | - | - | - | - | <250[12] | <250[12] | 99 | <1.0 | <0.50 | <0.50 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 06/04/2003 | - | - | 9.28 | - | - | - | - | - | - | - | <320[12] | <400[12] | <50 | 2.4 | <0.5 | 2.4 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 09/11/2003[15] | - | - | 11.18 | - | - | - | - | - | - | - | 330[12] | <250[12] | 12,000 | 71 | 380 | 430 | 1,500 | - | <10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 12/17/2003 | - | - | 9.15 | - | - | - | - | - | - | - | <250[12]/<250[12] | <250[12]/<250[12] | <50/<50 | <0.5/2.8 | <0.5/1.4 | <0.5/1.5 | <1.5/1.8 | - | <2.5/<2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 06/11/2004 | - | - | 8.95 | - | - | - | - | - | - | - | <800[12] | <1,000[12] | <50 | 2.5 | <0.5 | <0.5 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 09/21/2004 | - | - | 8.90 | - | - | - | - | - | - | - | <250[12] | <250[12] | 120 | 9.6 | 0.8 | 1.2 | <1.5 | - | <5.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHIINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-10 | 12/21/2004 | - | - | 8.61 | - | - | - | - | - | - | - | <250[12] | <250[12] | 780 | 27 | 19 | 13 | 25 | - | <5.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 07/02/2005[16] | 96.57 | - | 8.98 | 87.59 | - | 3.5 | 86 | - | - | - | 470[12,18] | <500[12] | 1,100 | 8 | 6 | 10 | 190 | - | <0.5 | - | 1.3 | - | - | <0.5 | <0.5 | <5 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-10 | 09/15/2005[16] | 96.57 | - | 9.48 | 87.09 | - | 1.6 | 39 | - | - | - | 980[12,17] | 280[12] | 17,000 | 32 | 1,200 | 520 | 2,600 | - | <1 | - | <0.87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 12/31/2005[37] | 96.57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 03/11/2006[37] | 96.57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 06/13/2006[16] | 96.57 | - | 8.98 | 87.59 | - | 2.6 | 42 | - | - | - | 670[12] | <210[12] | 2,800 | 4 | 68 | 92 | 360 | - | <0.5 | <0.51 | 1.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 08/10/2006[16,21] | 96.57 | - | 9.53 | 87.04 | - | 5.1 | -58 | - | - | - | 620 | <100 | 16,000 | 6 | 330 | 390 | 1,600 | - | <1 | 0.40 | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 12/05/2006[16,21] | 96.57 | - | 10.03 | 86.54 | - | 0.7 | -59 | - | - | - | 1,400 | 530 | 22,000 | 15 | 380 | 700 | 3,800 | - | <10 | 0.57[22,23] | 2.6[23] | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 01/24/2007[16,21] | 96.57 | - | 9.30 | 87.27 | - | 0.9 | -49 | - | - | - | 1,300 | <260 | 12,000 | 7.7 | 48 | 310 | 1,450 | - | <5.0 | <2.0 | <2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 05/08/2007 | 96.57 | - | 9.41 | 87.16 | - | 1.3 | 69 | - | - | - | 610 | - | 13,000 | <10 | 370 | 350 | 1,790 | - | <10 | <2.0 | <2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 06/04/2007[16] | 56.21 | - | 9.24 | 46.97 | - | 1.1 | -42 | - | - | - | 320[12] | <100 | 15,000 | 6 | 160 | 370 | 1,900 | - | <1 | - | 1.2 | - | <1 | <1 | <1 | <4 | <1 | <1 | 0.021 | 0.021 | 0.022 | 0.012 | 0.017 | 0.012 | <0.010 |
| MW-10 | 09/05/2007[16] | 56.21 | - | 10.50 | 45.71 | - | 0.9 | -51 | - | - | - | 480[12] | <110[12] | 13,000 | 3 | 210 | 340 | 1,400 | - | <1 | - | 0.88 | - | <1 | <1 | <1 | <4 | <1 | <1 | <0.011 | <0.011 | <0.011 | <0.011 | <0.011 | <0.011 | <0.011 |
| MW-10 | 12/19/2007[16] | 56.21 | - | 10.45 | 45.76 | - | 0.7 | -43 | - | - | - | 530[12,18] | <200[12] | 8,700 | 14 | 44 | 250 | 850 | - | <0.5 | - | 1.9 | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | <0.0098 | <0.0098 | 0.014 | <0.0098 | 0.010 | <0.0098 | <0.0098 |
| MW-10 | 03/06/2008[16] | 56.21 | - | 9.08 | 47.13 | - | 0.6 | -18 | - | - | - | 140[12,19] | <100[12] | 2,100 | 7 | 29 | 61 | 210 | <0.5 | <0.5 | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-10 | 06/16/2008[16] | 56.21 | - | 8.62 | 47.59 | - | - | - | - | - | - | 410[12,27] | <100[12] | 1,500 | 0.6 | 44 | 51 | 190 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-10 | 09/11/2008[16] | 56.21 | - | 8.77 | 47.44 | - | - | - | - | - | - | 92[12,28] | <99[12] | 7,000 | 2 | 140 | 170 | 1,000 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-10 | 11/20/2008[16] | 56.21 | - | 9.01 | 47.20 | - | - | - | - | - | - | 150[12,28] | <69[12] | 7,700 | <3 | 83 | 190 | 1,300 | <3 | - | - | - | - | <3 | <3 | <3 | <10 | <3 | <3 | - | - | - | - | - | - | - |
| MW-10 | 01/04/2009[16] | 56.21 | - | 7.86 | 48.35 | - | - | - | - | - | - | 85[12,31] | <69[12] | 3,600 | 0.9 | 38 | 95 | 390 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-10 | 06/04/2009[16] | 56.21 | - | 8.10 | 48.11 | - | - | - | - | - | - | <300[12,36] | <700[12,26] | 5,000 | 2 | 73 | 170 | 440 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-10 | 09/22/2009 | 56.21 | - | 10.03 | 46.18 | - | 0.87 | 217.70 | 15.49 | 5.95 | 356 | 610 | <81 | 15,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 09/24/2009 | 56.21 | - | 10.04 | 46.17 | - | - | - | - | - | - | 800 | 150 J | 22,000 | - | - | - | - | - | - | - | - | 38 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 10/01/2009 | 56.21 | - | 10.44 | 45.77 | - | 2.45 | 0.70 | 14.79 | 6.62 | 338 | 460 | <66 | 14,000 | - | - | - | - | - | - | - | - | 45 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 10/08/2009 | 56.21 | - | 10.64 | 45.57 | - | 2.33 | 0.00 | 15.40 | 6.62 | 347 | 330 | <69 | 13,000 | - | - | - | - | - | - | - | - | 89 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 10/15/2009 | 56.21 | - | 10.80 | 45.41 | - | 2.42 | -28.40 | 14.87 | 6.46 | 372 | 560 | <66 | 17,000 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 10/22/2009 | 56.21 | - | 10.82 | 45.39 | - | 1.55 | -10.60 | 14.43 | 6.64 | 384 | 420 | <68 | 12,000 | - | - | - | - | - | - | - | - | 52 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 11/18/2009 | 56.21 | - | 10.14 | 46.07 | - | 1.18 | 113.80 | 13.40 | 6.63 | 417 | 36 J | <72 | 11,000 | - | - | - | - | - | - | - | - | 170 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 12/03/2009[16] | 56.21 | - | 9.28 | 46.93 | - | 1.30 | -47.00 | 10.10 | 7.02 | 692 | 350[12,17] | <67[12] | 5,600 | 2 | 33 | 200 | 480 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-10 | 12/16/2009 | 56.21 | - | - | - | - | - | - | - | - | - | 140 | <69 | 2,800 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 01/27/2010[24] | 56.21 | - | 8.81 | 47.40 | - | 1.70 | -39.00 | 13.20 | 7.14 | 402 | 210[12,31] | <70[12] | 2,000 | - | - | - | - | - | - | - | - | <80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 02/12/2010[24] | 56.21 | - | 8.83 | 47.38 | - | 1.80 | -22.00 | 11.20 | 7.24 | 692 | 120[12,18] | <69[12] | 1,800 | - | - | - | - | - | - | - | - | 93 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 03/30/2010 | 56.21 | - | 8.80 | 47.41 | - | - | - | - | - | - | 44[12,18] | <69[12] | 130 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 06/18/2010[24] | 56.21 | - | 8.55 | 47.66 | - | - | - | - | - | - | 63[12,35] | <69[12] | 120 | <0.5 | <0.5 | 4 | 2 | - | - | - | - | 42 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 09/02/2010 | 56.21 | - | 10.01 | 46.20 | - | 2.19 | 17 | 14.4 | 6.40 | 277 | 380 | 120 | 3,900 | 2 | 7 | 140 | 260 | - | - | - | - | 94 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 12/07/2010 | 56.21 | - | 10.07 | 46.14 | - | - | - | - | - | - | 230[12] | 290[12] | 7,600 | 3 | 70 | 240 | 700 | - | - | - | - | 81 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 03/07/2011 | 56.21 | - | 7.79 | 48.42 | - | 1.0 | 16 | - | - | - | 170[12] | 340[12] | 700 | 2 | 3 | 23 | 22 | - | - | - | - | <200 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 06/09/2011 | 56.21 | - | 7.30 | 48.91 | - | 3.1 | 105 | - | - | - | 6,200[12] | <340[12] | 3,600 | 3 | 40 | 130 | 370 | - | - | - | - | 67 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 09/16/2011 | 56.21 | - | 8.60 | 47.61 | - | 0 | -98.1 | - | - | - | 100[12] | <68[12] | 5,100 | 1 | 13 | 190 | 370 | - | - | - | - | 130 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 12/13/2011 | 56.21 | - | 9.08 | 47.13 | - | 1.3 | 38.6 | - | - | - | <60[12] | <140[12] | 560 | 0.6 | 1 | 11 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 12/19/2011 | 56.21 | - | 9.00 | 47.21 | - | 1.4 | 40.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 580 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 03/15/2012 | 56.21 | - | 7.80 | 48.41 | - | 1.9 | 132.6 | - | - | - | <30[12] | <69[12] | 77 | <0.5 | <0.5 | 1 | <0.5 | - | - | - | - | <160 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 06/13/2012 | 56.21 | - | 7.45 | 48.76 | - | 1.23 | 34.7 | - | - | - | 35[12] | <72[12,40,43] | 620 | 0.8 | 6 | 38 | 15 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 09/10/2012 | 56.21 | - | 8.75 | 47.46 | - | 0 | -109.3 | - | - | - | 220[12] | <68[12,40,43] | 4,200 | 1 | 35 | 87 | 220 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 12/10/2012 | 56.21 | - | 8.12 | 48.09 | - | 0 | -60.2 | - | - | - | 56[12] | <69[12,18,40] | 1,700 | 0.6 | 19 | 31 | 210 | - | - | - | - | 59 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 03/11/2013 | 56.21 | - | 7.54 | 48.67 | - | 0.24 | -13.7 | - | - | - | 37[12] | <66[12,18,40] | 1,200 | 0.5 | 6 | 18 | 48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 06/12/2013 | 56.21 | - | 7.55 | 48.66 | - | 1.80 | 103.3 | - | - | - | 59 | <67[47,49] | 1,800 | 0.9 | 13 | 47 | 150 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-10 | 09/18/2013 | 56.21 | - | 8.93 | 47.28 | - | 2.84 | 133.8 | - | - | - | 200 | <67[40,47] | 4,000 | 0.8 | 17 | 29 | 330 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 12/11/2013 | 56.21 | - | 8.56 | 47.65 | - | 1.60 | -43.9 | - | - | - | 76 | <69[40,54] | 3,100 | 1 | 10 | 54 | 140 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 03/12/2014 | 56.21 | - | 12.79 | 43.42 | - | 3.10 | -90.1 | - | - | - | - | - | 1,700 | <0.5 | 6 | 28 | 83 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **MW-10** | **09/27/2014** | **56.21** | - | **8.97** | **47.24** | - | **2.36** | **-93.1** | - | - | - | - | - | **2,300** | **<0.5** | **<0.5** | **0.7** | **0.6** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 12/16/2002[14] | - | - | 11.68 | - | - | - | - | - | - | - | 430[12] | <250[12] | 22,000 | 170 | 980 | 740 | 3,000 | <2[10] | 70 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 03/06/2003 | - | - | 10.34 | - | - | - | - | - | - | - | 790[12] | 280[12] | 19,000 | 150 | 70 | 680 | 2,300 | - | <50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 06/04/2003 | - | - | 9.83 | - | - | - | - | - | - | - | 600[12] | <250[12] | 16,000 | 88 | 590 | 480 | 2,100 | - | <20 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 09/11/2003[15] | - | - | 10.26 | - | - | - | - | - | - | - | <250[12] | <250[12] | 63 | <0.5 | <0.5 | <0.5 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 12/17/2003 | - | - | 9.61 | - | - | - | - | - | - | - | 260[12]/<250[12] | <250[12]/<250[12] | 5,300/83 | 46/1.4 | 67/0.8 | 220/3.9 | 770/9.4 | <2[10] | 21/<2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 06/11/2004 | - | - | 9.12 | - | - | - | - | - | - | - | <800[12] | <1,000[12] | 4,700 | 35 | 19 | 190 | 520 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 09/21/2004 | - | - | 9.42 | - | - | - | - | - | - | - | <250[12] | <250[12] | 3,800 | 28 | 28 | 140 | 540 | - | <10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 12/21/2004 | - | - | 8.46 | - | - | - | - | - | - | - | <250[12] | <250[12] | 1,400 | 19 | 7.6 | 65 | 93 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 07/02/2005[16] | 96.63 | - | 9.32 | 87.31 | - | 3.2 | 98 | - | - | - | 410[12,17] | <100[12] | 1,100 | 7 | 3 | 29 | 110 | - | <1 | - | 0.98 | - | - | <1 | <1 | <10 | <1 | <1 | - | - | - | - | - | - | - |
| MW-11 | 09/15/2005[16] | 96.63 | - | 10.38 | 86.25 | - | 2.2 | 59 | - | - | - | <400[12] | <500[12] | 2,800 | 15 | 10 | 170 | 360 | - | <0.5 | - | <0.87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 12/31/2005[16] | 96.63 | - | 10.31 | 86.32 | - | 2.1 | 56 | - | - | - | 350[12,18] | <200[12] | 8,700 | 29 | 140 | 310 | 1,000 | - | <0.5 | <0.87 | <0.87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 03/11/2006[27] | 96.63 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 06/13/2006[16] | 96.63 | - | 11.68 | 84.95 | - | 2.5 | 63 | - | - | - | 510[12] | <99[12] | 3,500 | 26 | 15 | 170 | 350 | - | <0.5 | <0.51 | <0.51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 08/10/2006[16,21] | 96.63 | - | 10.20 | 86.43 | - | 5.6 | -64 | - | - | - | 150 | <110 | 3,700 | 13 | 11 | <0.5 | 330 | - | <0.5 | <0.047 | 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 12/05/2006[16,21] | 96.63 | - | 10.67 | 85.96 | - | 1.0 | -54 | - | - | - | 730 | 100[22] | 6,500 | 36 | 21 | 270 | 894 | - | <10 | 0.085[22,23] | 0.49[22,23] | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 01/24/2007[16,21] | 96.63 | - | 9.85 | 86.78 | - | 1.1 | -86 | - | - | - | 320 | <300 | 4,300 | 28 | 14 | 180 | 557 | - | <5.0 | <2.0 | <2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 05/08/2007 | 96.63 | - | 10.07 | 86.56 | - | 1.6 | 93 | - | - | - | <130 | - | 420 | 3.1 | <2.0 | 21 | 12 | - | <2.0 | <2.0 | <2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 06/04/2007[16] | 56.32 | - | 9.85 | 46.47 | - | 1.4 | -62 | - | - | - | <400 | <500 | 950 | 5 | 2 | 53 | 82 | - | <1 | - | 1.0 | - | <1 | <1 | <1 | <4 | <1 | <1 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| MW-11 | 09/05/2007[16] | 56.32 | - | 11.13 | 45.19 | - | 1.0 | -67 | - | - | - | 250[12] | <96[12] | 1,000 | 10 | 5 | 35 | 41 | - | <2 | - | 0.45 | - | <2 | <2 | <2 | 18 | <2 | <2 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| MW-11 | 12/19/2007[16] | 56.32 | - | 10.85 | 45.47 | - | 1.1 | -37 | - | - | - | 1,800[12] | <1,000[12,26] | 1,300 | 12 | 12 | 46 | 82 | - | <1 | - | 0.10 | - | <1 | <1 | <1 | <4 | <1 | <1 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| MW-11 | 03/06/2008[16] | 56.32 | - | 9.48 | 46.84 | - | 1.3 | -12 | - | - | - | <79[12] | <98[12] | 270 | 0.8 | 1 | 20 | 36 | <0.5 | <0.5 | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-11 | 06/16/2008[16] | 56.32 | - | 8.43 | 47.89 | - | - | - | - | - | - | <81[12] | <100[12] | <50 | <0.5 | <0.5 | 0.6 | <0.5 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-11 | 09/11/2008[16] | 56.32 | - | 8.85 | 47.47 | - | - | - | - | - | - | <79[12] | <99[12] | 94 | <0.5 | <0.5 | 4 | 3 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-11 | 11/20/2008[16] | 56.32 | - | 9.82 | 46.50 | - | - | - | - | - | - | 45[12,29] | <69[12] | 740 | <0.5 | 2 | 40 | 62 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-11 | 03/04/2009[16] | 56.32 | - | 7.89 | 48.43 | - | - | - | - | - | - | 95[12,29] | <68[12] | 710 | 0.9 | 5 | 37 | 58 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-11 | 06/04/2009[16] | 56.32 | - | 8.10 | 48.22 | - | - | - | - | - | - | <300[12,26] | <700[12,26] | 210 | 0.5 | 1 | 6 | 8 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-11 | 09/22/2009 | 56.32 | - | 11.05 | 45.27 | - | 0.23 | -16.50 | 15.54 | 6.46 | 463 | 110 | <66 | 2,500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 09/24/2009 | 56.32 | - | 11.17 | 45.15 | - | - | - | - | - | - | 130 | <66 | 1,900 | - | - | - | - | - | - | - | - | 46 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 10/01/2009 | 56.32 | - | 11.31 | 45.01 | - | 1.96 | -16.10 | 14.67 | 6.93 | 452 | 74 J | <66 | 2,900 | - | - | - | - | - | - | - | - | 41 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 10/08/2009 | 56.32 | - | 11.42 | 44.90 | - | 3.11 | -33.80 | 14.86 | 6.88 | 457 | 63 J | <68 | 2,100 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 10/15/2009 | 56.32 | - | 11.57 | 44.75 | - | 3.20 | -54.80 | 14.93 | 6.97 | 461 | 150 | <69 | 3,200 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 10/22/2009 | 56.32 | - | 11.46 | 44.86 | - | 1.89 | -16.80 | 14.41 | 6.71 | 450 | 100 J | <70 | 2,900 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 11/18/2009 | 56.32 | - | 10.64 | 45.68 | - | 2.81 | 119.60 | 13.13 | 6.16 | 431 | 140 | <70 | 3,100 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 12/03/2009[34] | 56.32 | - | 9.77 | 46.55 | - | 1.50 | 41.00 | 9.60 | 6.72 | 491 | 130[12,17] | <68[12] | 2,300 | 3 | 8 | 130 | 320 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-11 | 12/16/2009 | 56.32 | - | - | - | - | - | - | - | - | - | 130 | <70 | 3,600 | - | - | - | - | - | - | - | - | 56 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 01/27/2010[34] | 56.32 | - | 9.35 | 46.97 | - | 1.40 | 52.00 | 13.00 | 7.01 | 434 | 200[12,21] | <64[12] | 5,000 | - | - | - | - | - | - | - | - | <80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 02/12/2010[34] | 56.32 | - | 9.46 | 46.86 | - | 0.90 | 62.00 | 11.00 | 7.11 | 394 | 220[12,18] | <70[12] | 3,800 | - | - | - | - | - | - | - | - | 50 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 03/30/2010 | 56.32 | - | 9.42 | 46.90 | - | - | - | - | - | - | 150[12,18] | <69[12] | 5,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 06/18/2010[34] | 56.32 | - | 8.72 | 47.60 | - | - | - | - | - | - | 75[12,26] | <69[12] | 670 | 2 | 2 | 16 | 66 | - | - | - | - | 88 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 09/02/2010 | 56.32 | - | 10.59 | 45.73 | - | 1.82 | -56 | 14.0 | 6.61 | 496 | 200 | <69 | 2,900 | 3 | 8 | 130 | 330 | - | - | - | - | 93 | - | - | - | - | - | - | - | - | - | - | - | - | - |

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-11 | 12/07/2010 | 56.32 | - | 10.38 | 45.94 | - | - | - | - | - | - | 130[12] | <70[12] | 2,500 | 3 | 7 | 120 | 270 | - | - | - | - | 54 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 03/07/2011 | 56.32 | - | 7.91 | 48.41 | - | 3.1 | 17 | - | - | - | 61[12] | <69[12] | 1,300 | 0.9 | 3 | 61 | 65 | - | - | - | - | <200 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 06/09/2011 | 56.32 | - | 7.35 | 48.97 | - | 2.7 | 120 | - | - | - | 67,000[12] | <6,800[12] | 1,400 | 2 | 5 | 68 | 62 | - | - | - | - | 69 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 09/16/2011 | 56.32 | - | 8.70 | 47.62 | - | 0 | 20.7 | - | - | - | 34[12] | <68[12] | 850 | 2 | 3 | 39 | 22 | - | - | - | - | <160 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 12/13/2011 | 56.32 | - | 9.75 | 46.57 | - | 1.4 | 41.1 | - | - | - | 49[12] | <68[12] | 1,800 | 3 | 5 | 97 | 160 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 12/19/2011 | 56.32 | - | 9.62 | 46.70 | - | 1.8 | 40.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 150 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 03/15/2012 | 56.32 | - | 7.95 | 48.37 | - | 1.8 | 141.9 | - | - | - | <30[12] | <70[12] | 1,500 | 3 | 3 | 78 | 94 | - | - | - | - | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 06/13/2012 | 56.32 | - | 7.55 | 48.77 | - | 0.24 | -24.3 | - | - | - | 57[12] | <70[12,40,43] | 2,200 | 7 | 7 | 160 | 180 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 09/10/2012 | 56.32 | - | 8.94 | 47.38 | - | 0.86 | -66.5 | - | - | - | <300[12] | <700[12,40,41] | 1,300 | <5 | <5 | 24 | 31 | - | - | - | - | 120 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 12/10/2012 | 56.32 | - | 8.40 | 47.92 | - | 0 | -101.9 | - | - | - | 94[12] | <68[12,18,40] | 1,700 | 6 | 6 | 63 | 120 | - | - | - | - | 66 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 03/11/2013 | 56.32 | - | 7.56 | 48.76 | - | 0.46 | -40.2 | - | - | - | 88[12] | <70[12,18,40] | 3,200 | 7 | 9 | 150 | 190 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 06/12/2013 | 56.32 | - | 7.68 | 48.64 | - | 1.20 | 50.8 | - | - | - | 98 | <66[47,49] | 3,600 | 9 | 12 | 190 | 250 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 09/18/2013 | 56.32 | - | 9.53 | 46.79 | - | 2.32 | 141.3 | - | - | - | 210 | <66[49,53] | 4,000 | 6 | 9 | 170 | 230 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 12/11/2013 | 56.32 | - | 9.04 | 47.28 | - | 2.11 | 11.3 | - | - | - | 100 | <67[18,54] | 2,700 | 4 | 7 | 140 | 210 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 03/12/2014 | 56.32 | - | 12.88 | 43.44 | - | 3.42 | -86.0 | - | - | - | - | - | 5,100 | 7 | 14 | 260 | 340 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 09/27/2014 | 56.32 | - | 9.51 | 46.81 | - | 2.12 | -97.3 | - | - | - | - | - | 2,200 | <0.5 | <0.5 | 0.8 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 08/10/2006[16,21] | - | - | 9.23 | - | - | 0.8 | 82 | - | - | - | 62,000 | <21,000 | 89,000 | 4 | 230 | 990 | 4,400 | - | <3 | 4.3 | 164 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 12/05/2006[16,21] | - | - | 9.04 | - | - | 1.2 | -55 | - | - | - | 3,700 | 76[22] | 14,000 | 1.6 | 52 | 280 | 1,390 | - | <1.0 | 4.2[22] | 20[23] | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 01/24/2007[16,21] | - | - | 8.24 | - | - | 1.0 | -66 | - | - | - | 1,600 | <250 | 9,500 | <5.0 | 34 | 89 | 1,140 | - | <5.0 | 11 | 65 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 05/08/2007 | - | - | 8.59 | - | - | 1.6 | 84 | - | - | - | 1,400 | - | 9,400 | 3.2 | 61 | 77 | 540 | - | <2.0 | 2.0 | 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 06/04/2007[16] | 56.79 | - | 9.05 | 47.74 | - | 1.0 | 19 | - | - | - | 3,300[17] | <100 | 12,000 | <3 | 19 | 120 | 560 | - | <3 | - | 7.9 | - | <3 | <3 | <3 | <10 | <3 | <3 | 0.010 | <0.0099 | <0.0099 | <0.0099 | <0.0099 | <0.0099 | <0.0099 |
| MW-12 | 09/05/2007[16] | 56.79 | - | 10.18 | 46.61 | - | 1.1 | -59 | - | - | - | 2,900[12] | <110[12] | 3,100 | <0.5 | 1 | 31 | 55 | - | <0.5 | - | 2.5 | - | <0.5 | <0.5 | <0.5 | 3 | <0.5 | <0.5 | <0.011 | <0.011 | <0.011 | <0.011 | <0.011 | <0.011 | <0.011 |
| MW-12 | 12/19/2007[16] | 56.79 | - | 9.72 | 47.07 | - | 1.2 | -29 | - | - | - | 6,800[12,17] | <490[12] | 2,200 | <0.5 | 0.5 | 24 | 19 | - | <0.5 | - | 13.4 | - | <0.5 | <0.5 | <0.5 | 34 | <0.5 | <0.5 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| MW-12 | 03/06/2008[16] | 56.79 | - | 8.56 | 48.23 | - | 1.5 | -21 | - | - | - | 1,500[12,18] | <100[12] | 7,100 | 12 | 250 | 180 | 1,100 | <0.5 | <0.5 | - | - | - | <0.5 | <0.5 | <0.5 | 5 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-12 | 06/16/2008[20] | 56.79 | 7.98 | 8.03 | 48.80*** | 0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 09/11/2008[20] | 56.79 | 8.12 | 8.17 | 48.66*** | 0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 11/20/2008[20] | 56.79 | 8.15 | 8.27 | 48.62*** | 0.12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 03/04/2009[20] | 56.79 | 7.52 | 7.56 | 49.26*** | 0.04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 06/04/2009[20] | 56.79 | 7.74 | 7.80 | 49.04*** | 0.06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 09/22/2009 | 56.79 | - | 10.21 | - | 0.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 09/23/2009 | 56.79 | - | 12.68 | 44.11 | - | 3.68 | 64.20 | 17.78 | 7.59 | 537 | 460,000 | 530,000 | 980,000 | - | - | - | - | - | - | - | - | <140 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 09/24/2009 | 56.79 | - | 9.81 | 46.98 | - | 4.83 | 0.35 | 16.10 | 6.93 | 450 | 30,000 | 35,000 | 44,000 | - | - | - | - | - | - | - | - | 310 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 10/01/2009 | 56.79 | - | 10.23 | 46.56 | - | 2.24 | 22.30 | 13.79 | 6.45 | 348 | 5,000 | 25,000 | 12,000 J | - | - | - | - | - | - | - | - | 61 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 10/08/2009 | 56.79 | - | 10.47 | 46.32 | - | 2.23 | -3.20 | 15.48 | 6.77 | 366 | 3,800 | 14,000 | 3,700 | - | - | - | - | - | - | - | - | 44 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 10/15/2009 | 56.79 | - | 10.60 | 46.19 | - | 2.19 | -21.50 | 14.17 | 6.36 | 340 | 1,900 J | 4,800 J | 3,400 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 10/22/2009 | 56.79 | - | 10.45 | 46.34 | - | 1.66 | 1.90 | 12.72 | 6.28 | 331 | 810 J | 2,800 | 4,900 | - | - | - | - | - | - | - | - | 100 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 11/18/2009 | 56.79 | - | 9.66 | 47.13 | - | 1.74 | 126.70 | 11.12 | 6.13 | 316 | 1,400 J | 1,800 J | 3,200 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 12/03/2009[16] | 56.79 | - | 8.80 | 47.99 | - | 1.10 | -36.00 | 10.40 | 6.96 | 402 | 7,600[12,23] | 3,400[12] | 5,900 | <10[32] | 11 | 35 | 260 | <10[32] | - | - | - | - | <10 | <10 | <10 | <40 | <10 | <10 | - | - | - | - | - | - | - |
| MW-12 | 12/16/2009 | 56.79 | - | - | - | - | - | - | - | - | - | 2,200 | 4,300 | 4,500 | - | - | - | - | - | - | - | - | 53 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 01/27/2010[24] | 56.79 | - | 8.93 | 47.86 | - | 1.60 | -40.00 | 13.10 | 7.03 | 381 | 15,000[12,33] | <1,800[12] | 9,900 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 02/12/2010[24] | 56.79 | - | 9.00 | 47.79 | - | 1.00 | 21.00 | 10.70 | 7.14 | 396 | 5,000[12,26] | 450[12] | 5,100 | - | - | - | - | - | - | - | - | <80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 03/30/2010 | 56.79 | - | 8.35 | 48.44 | - | - | - | - | - | - | 5,800[12,17] | <350[12] | 4,900 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 06/18/2010[24] | 56.79 | - | 8.39 | 48.40 | - | - | - | - | - | - | 4,600[12,17] | <360[12] | 6,900 | <0.5 | 5 | 82 | 290 | - | - | - | - | 70 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 09/02/2010 | 56.79 | - | 9.87 | 46.92 | - | 1.70 | -64 | 16.0 | 6.69 | 302 | 5,100 | <350 | 2,600 | <0.5 | 1 | 29 | 29 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potenti | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | mS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-12 | 12/07/2010 | 56.79 | - | 9.74 | 47.05 | - | - | - | - | - | - | 2,700[12] | 150[12] | 5,000 | <0.5 | 0.9 | 28 | 37 | - | - | - | - | 44 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 03/07/2011 | 56.79 | - | 7.53 | 49.26 | - | 1.0 | -32 | - | - | - | 2,200[12] | 270[12] | 110 | <0.5 | <0.5 | 0.9 | 3 | - | - | - | - | <80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 06/09/2011 | 56.79 | - | 7.14 | 49.65 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 09/16/2011 | 56.79 | - | 8.53 | 48.26 | - | 0 | -79.3 | - | - | - | 1,300[12] | <68[12] | 3,100 | <0.5 | 0.5 | 15 | 48 | - | - | - | - | 200 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 12/13/2011 | 56.79 | - | 9.05 | 47.74 | - | 1.8 | 42.4 | - | - | - | 330[12] | <69[12] | 3,800 | <0.5 | <0.5 | 10 | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 12/19/2011 | 56.79 | - | 8.96 | 47.83 | - | 1.8 | 44.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <160 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 03/15/2012 | 56.79 | - | 9.77 | 47.02 | - | 0 | -12.4 | - | - | - | 320[12] | <82[12] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | 90 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 06/13/2012 | 56.79 | - | 7.40 | 49.39 | - | 0 | -40.8 | - | - | - | 110[12] | <67[12,40,42] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 09/10/2012 | 56.79 | - | 8.35 | 48.44 | - | 0 | -23.4 | - | - | - | 5,800[12] | <68[12,17,46] | 3,200 | <0.5 | <0.5 | 9 | 4 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 12/10/2012 | 56.79 | - | 7.84 | 48.95 | - | 0 | -100.3 | - | - | - | 81[12] | <69[12,17,40] | 150 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 03/11/2013 | 56.79 | - | 7.13 | 49.66 | - | 3.58 | 113.6 | - | - | - | 120[12] | <66[12,40,48] | 150 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 06/12/2013 | 56.79 | - | 7.32 | 49.47 | - | 1.88 | 98.1 | - | - | - | 540 | <67[47,50] | 310 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 09/18/2013 | 56.79 | - | 8.68 | 48.11 | - | 2.12 | 56.8 | - | - | - | 1,500 | <66[50,51] | 1,500 | <0.5 | <0.5 | 1 | 0.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 12/11/2013 | 56.79 | - | 8.24 | 48.55 | - | 2.44 | 26.8 | - | - | - | 110 | <66[48,55] | 97 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 03/12/2014[57] | 56.79 | - | 7.72 | 49.07 | - | 4.2 | -47.3 | - | - | - | 280 | <70[49,48] | 130 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 09/27/2014 | 56.79 | - | 8.70 | 48.09 | - | 1.99 | -90.1 | - | - | - | <30 | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/10/2006[16,21] | - | - | 9.83 | - | - | 1.4 | 100 | - | - | - | 5,300 | <2,200 | 15,000 | 5 | 47 | 260 | 1,400 | - | <1 | 4.3 | 29.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 12/05/2006[16,21] | - | - | 9.68 | - | - | 4.2 | -2 | - | - | - | 1,700 | 270 | 5,000 | 0.99[22] | 33 | 110 | 590 | - | <1.0 | 1.5[22,23] | 17[23] | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 01/24/2007[16,21] | - | - | 8.93 | - | - | 2.7 | -23 | - | - | - | 190 | <260 | 2,300 | 1.5 | 21 | 41 | 242 | - | <1.0 | <2.0 | 22 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 05/08/2007[70] | - | - | 9.17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 06/04/2007[70] | 56.71 | 11.15 | 13.00 | 45.19*** | 1.85 | 2.5 | -78 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/05/2007[70] | 56.71 | 11.70 | 11.96 | 44.96*** | 0.26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 12/19/2007[70] | 56.71 | 10.51 | 10.83 | 46.14*** | 0.32 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 03/06/2008[70] | 56.71 | 9.05 | 9.37 | 47.60*** | 0.32 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 06/16/2008[70] | 56.71 | 8.25 | 8.49 | 48.41*** | 0.24 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/11/2008[70] | 56.71 | 8.64 | 8.83 | 48.03*** | 0.19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 11/20/2008[70] | 56.71 | 8.77 | 8.94 | 47.91*** | 0.17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 03/04/2009[70] | 56.71 | 7.68 | 7.73 | 49.02*** | 0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 06/04/2009[70] | 56.71 | 7.94 | 7.99 | 48.76*** | 0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/22/2009 | 56.71 | - | 9.89 | - | 0.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/23/2009 | 56.71 | - | 12.98 | 43.73 | - | 16.29 | -35.8 | 15.64 | 6.79 | 247 | 31,000 | 49,000 J | 96,000 | - | - | - | - | - | - | - | - | 250 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/24/2009 | 56.71 | - | 12.12 | 44.59 | - | 1.83 | -13.70 | 14.92 | 6.51 | 450 | 3,300 | <1,400 | 13,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 10/01/2009 | 56.71 | - | 12.60 | - | 0.01 | - | -85 | 13.80 | 5.95 | 451 | 8,000 | 500 J | 9,700 | - | - | - | - | - | - | - | - | 100 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 10/08/2009 | 56.71 | - | 12.46 | 44.25 | - | 2.59 | -32.80 | 16.40 | 7.24 | 415 | 760 | 350 | 8,000 | - | - | - | - | - | - | - | - | 66 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 10/15/2009 | 56.71 | - | 12.71 | - | 0.01 | - | -87 | 13.1 | 5.89 | 567 | 930 | <68 | 8,400 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 10/22/2009 | 56.71 | - | 12.50 | 44.21 | - | 1.79 | -25.60 | 14.49 | 6.70 | 411 | 760 | <68 | 6,500 | - | - | - | - | - | - | - | - | 99 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 11/18/2009 | 56.71 | - | 10.73 | 45.98 | - | 2.56 | 123.40 | 13.58 | 6.48 | 451 | 1,400 | 370 | 8,900 | - | - | - | - | - | - | - | - | <140 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 12/03/2009[16] | 56.71 | - | 9.68 | 47.03 | - | 1.90 | -52.00 | 10.90 | 7.06 | 519 | 5,600[12,17] | <680[12] | 11,000 | 8 | 30 | 300 | 1,400 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-13 | 12/16/2009 | 56.71 | - | - | - | - | - | - | - | - | - | 1,400 | <66 | 8,700 | - | - | - | - | - | - | - | - | 82 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 01/27/2010[54] | 56.71 | - | 9.45 | 47.26 | - | 1.60 | -11.00 | 12.40 | 6.89 | 216 | 3,700[12,33] | 670[12] | 16,000 | - | - | - | - | - | - | - | - | 90 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 02/12/2010[54] | 56.71 | - | 9.55 | 47.16 | - | 1.40 | -26.00 | 11.00 | 6.79 | 292 | 1,700[12,17] | <71[12] | 11,000 | - | - | - | - | - | - | - | - | 130 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 03/30/2010 | 56.71 | - | 9.24 | 47.47 | - | - | - | - | - | - | 9,300[12,17] | <700[12] | 15,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 06/18/2010[54] | 56.71 | - | 9.00 | 47.71 | - | - | - | - | - | - | 3,900[12,17] | <350[12] | 10,000 | 5 | 23 | 360 | 1,300 | - | - | - | - | 98 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/02/2010 | 56.71 | - | 10.56 | 46.15 | - | 2.00 | -40 | 15.1 | 7.07 | 507 | 3,300 | <350 | 11,000 | 5 | 23 | 280 | 1,100 | - | - | - | - | 66 | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-13 | 12/07/2010 | 56.71 | - | 10.46 | 46.25 | - | - | - | - | - | - | 770[12] | <71[13] | 9,100 | 2 | 20 | 200 | 1,100 | - | - | - | - | 120 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 03/07/2011 | 56.71 | - | 7.68 | 49.03 | - | 2.0 | -69 | - | - | - | <30[12] | <70[13] | 4,200 | <0.5 | <0.5 | 2 | 9 | - | - | - | - | <80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 06/09/2011 | 56.71 | - | 7.20 | 49.51 | - | 3.3 | -27 | - | - | - | 160[12] | <69[12] | 1,800 | <0.5 | 0.6 | 10 | 45 | - | - | - | - | 190 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/16/2011 | 56.71 | - | 9.05 | 47.66 | - | 0.4 | -81.3 | - | - | - | 3,000[12] | <140[12] | 6,400 | 3 | 7 | 160 | 590 | - | - | - | - | 130 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 12/13/2011 | 56.71 | - | 9.60 | 47.11 | - | 2.1 | 52.9 | - | - | - | 3,600[12] | <350[12] | 7,600 | <3 | 11 | 190 | 810 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 12/19/2011 | 56.71 | - | 9.60 | 47.11 | - | 1.8 | 56.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 340 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 03/15/2012 | 56.71 | - | 9.25 | 47.46 | - | 0 | -36.1 | - | - | - | <30[12] | <70[12] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | 140 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 06/13/2012 | 56.71 | - | 7.60 | 49.11 | - | 4.3 | 159.1 | - | - | - | <31[12] | <72[12,40] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | 40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/10/2012 | 56.71 | - | 9.38 | 47.33 | - | 0 | -129.4 | - | - | - | 660[12] | <68[12,17,40] | 6,000 | <5 | 7 | 140 | 620 | - | - | - | - | 60 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 12/10/2012 | 56.71 | - | 8.28 | 48.43 | - | 0 | -98.9 | - | - | - | 750[12] | <69[12,17,48] | 3,000 | <5 | <5 | 55 | 310 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 03/11/2013 | 56.71 | - | 7.42 | 49.29 | - | 1.20 | 77.8 | - | - | - | 490[12] | <71[12,17,40] | 1,300 | <0.5 | 0.8 | 18 | 91 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 06/12/2013 | 56.71 | - | 7.63 | 49.08 | - | 0.00 | -101.6 | - | - | - | <29 | <67[49] | 750 | <0.5 | 1 | 23 | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/18/2013 | 56.71 | - | 9.42 | 47.29 | - | 2.02 | 118.3 | - | - | - | 500 | <67[40,54] | 5,500 | 0.6 | 7 | 170 | 670 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 12/11/2013 | 56.71 | - | 8.78 | 47.93 | - | 2.30 | -102.8 | - | - | - | 290 | <67[40,54] | 4,500 | <0.5 | 7 | 170 | 710 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 03/12/2014[57] | 56.71 | - | 7.14 | 49.57 | - | 5.01 | -42.6 | - | - | - | 35 | <67[40,56] | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/27/2014 | 56.71 | - | 9.47 | 47.24 | - | 2.11 | -88.3 | - | - | - | <29 | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 08/10/2006[21,59] | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 12/05/2006[14,21] | - | - | 10.14 | - | - | 1.1 | -26 | - | - | - | 1,500 | 130[22] | 19,000 | 31 | 560 | 690 | 3,300 | - | <10 | 0.055[22,23] | 8.1[23] | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 01/24/2007[14,21] | - | - | 9.27 | - | - | 0.8 | -18 | - | - | - | 2,300 | <260 | 32,000 | 29 | 1,200 | 1,000 | 5,500 | - | <25 | <2.0 | 26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 05/08/2007 | - | - | 9.44 | - | - | 1.2 | 54 | - | - | - | 180 | - | 1,700 | 6.2 | 3.1 | 53 | 143 | - | <2.0 | <2.0 | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 06/04/2007[16] | 56.51 | - | 9.58 | 46.93 | - | 0.9 | -14 | - | - | - | <79 | <98 | 3,100 | 15 | 7 | 110 | 290 | - | <0.5 | - | 2.8 | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| MW-14 | 09/05/2007[16] | 56.51 | - | 10.54 | 45.97 | - | 0.9 | -22 | - | - | - | 95[12] | <100 | 3,000 | 9 | 17 | 140 | 370 | - | <0.5 | - | 0.26 | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | <0.012 | <0.012 | <0.012 | <0.012 | <0.012 | <0.012 | <0.012 |
| MW-14 | 12/19/2007[16] | 56.51 | - | 10.60 | 45.91 | - | 0.8 | -16 | - | - | - | 400[12,18] | <500[12] | 11,000 | 7 | 39 | 240 | 1,000 | - | <1 | - | 4.8 | - | <1 | <1 | <1 | <4 | <1 | <1 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| MW-14 | 03/06/2008[16] | 56.51 | - | 9.38 | 47.13 | - | 0.8 | 7 | - | - | - | <160[12] | <200[12] | 2,300 | 2 | 66 | 76 | 330 | <0.5 | <0.5 | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-14 | 06/16/2008[16] | 56.51 | - | 8.78 | 47.73 | - | - | - | - | - | - | <82[12] | <100[12] | 200 | 2 | 0.6 | 6 | 14 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-14 | 09/11/2008[16] | 56.51 | - | 9.09 | 47.42 | - | - | - | - | - | - | <79[12] | <99[12] | 1,800 | 9 | 9 | 81 | 230 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-14 | 11/20/2008[16] | 56.51 | - | 9.31 | 47.20 | - | - | - | - | - | - | 120[12,39] | <69[12] | 3,900 | 12 | 13 | 120 | 420 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-14 | 03/04/2009[16] | 56.51 | - | 8.14 | 48.37 | - | - | - | - | - | - | 450[12,17] | <69[12] | 5,400 | 21 | 21 | 170 | 480 | <1 | - | - | - | - | <1 | <1 | <1 | <5 | <1 | <1 | - | - | - | - | - | - | - |
| MW-14 | 06/04/2009[16] | 56.51 | - | 8.39 | 48.12 | - | - | - | - | - | - | <300[12,26] | <700[12,26] | 520 | 3 | 1 | 10 | 27 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-14 | 09/22/2009 | 56.51 | - | 10.23 | 46.28 | - | 0.18 | 40.9 | 15.49 | 6.5 | 356 | 210 | 140 J | 7,300 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 09/24/2009 | 56.51 | - | 10.30 | 46.21 | - | - | - | - | - | - | 560 J | <700 | 9,500 | - | - | - | - | - | - | - | - | 220 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 10/01/2009 | 56.51 | - | 10.68 | 45.83 | - | 2.86 | 2.9 | 14.76 | 6.48 | 380 | 270 | <67 | 12,000 | - | - | - | - | - | - | - | - | 64 J | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 10/08/2009 | 56.51 | - | 10.80 | 45.71 | - | 2.22 | 15.40 | 14.16 | 6.22 | 370 | 220 | <67 | 11,000 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 10/15/2009 | 56.51 | - | 10.94 | 45.57 | - | 2.46 | -18.20 | 14.66 | 6.34 | 418 | 370 | <66 | 14,000 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 10/22/2009 | 56.51 | - | 10.94 | 45.57 | - | 1.69 | -5.10 | 14.25 | 6.51 | 376 | 260 | <66 | 15,000 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 11/18/2009 | 56.51 | - | 10.39 | 46.12 | - | 2.35 | 120.70 | 11.48 | 6.28 | 349 | 660 | <130 | 19,000 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 12/03/2009[16] | 56.51 | - | 9.61 | 46.90 | - | 1.20 | 31.00 | 11.20 | 7.12 | 6,920 | 620[12,17] | <140[12] | 22,000 | 6 | 200 | 530 | 2,800 | <0.5 | - | - | - | - | <0.5 | <0.5 | <0.5 | <2 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| MW-14 | 12/16/2009 | 56.51 | - | - | - | - | - | - | - | - | - | 690 | <66 | 20,000 | - | - | - | - | - | - | - | - | 80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 01/27/2010[54] | 56.51 | - | 9.24 | 47.27 | - | 0.90 | 36.00 | 12.90 | 7.19 | 516 | 440[12,24] | <69[12] | 24,000 | - | - | - | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 02/12/2010[54] | 56.51 | - | 9.29 | 47.22 | - | 1.00 | 41.00 | 10.90 | 7.09 | 301 | 370[12,18] | <70[12] | 19,000 | - | - | - | - | - | - | - | - | 84 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 03/30/2010 | 56.51 | - | 9.21 | 47.30 | - | - | - | - | - | - | 300[12,18] | <69[12] | 14,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 06/18/2010[24] | 56.51 | - | 8.90 | 47.61 | - | - | - | - | - | - | 160[12,18] | <69[12] | 6,600 | 1 | 83 | 150 | 680 | - | - | - | - | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 09/02/2010 | 56.51 | - | 10.33 | 46.18 | - | 1.16 | -50 | 14.2 | 6.39 | 398 | 320 | <350 | 7,400 | 1 | 67 | 250 | 1,100 | - | - | - | - | <80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 12/07/2010 | 56.51 | - | 10.25 | 46.26 | - | - | - | - | - | - | 270[12] | <73[12] | 8,600 | 1 | 95 | 320 | 1,600 | - | - | - | - | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-c,d)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-14 | 03/07/2011 | 56.51 | - | 8.14 | 48.37 | - | 2.9 | 37 | - | - | - | 440[12] | <72[12] | 8,700 | 0.7 | 53 | 77 | 1,100 | - | - | - | - | <200 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 06/09/2011 | 56.51 | - | 7.61 | 48.90 | - | 3.0 | 166 | - | - | - | 100[12] | <67[12] | 5,200 | 0.7 | 31 | 170 | 690 | - | - | - | - | 110 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 09/16/2011 | 56.51 | - | 8.85 | 47.66 | - | 0 | -50.3 | - | - | - | 50[12] | <73[12] | 7,400 | 3 | 22 | 75 | 830 | - | - | - | - | 300 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 12/13/2011 | 56.51 | - | 9.45 | 47.06 | - | 1.6 | 36.2 | - | - | - | 120[12] | <68[12] | 8,600 | <3 | 34 | 280 | 1,400 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 12/19/2011 | 56.51 | - | 9.40 | 47.11 | - | 1.6 | 38.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 540 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 03/15/2012 | 56.51 | - | 8.15 | 48.36 | - | 1.6 | 110.7 | - | - | - | 220[12] | <68[12] | 13,000 | <3 | 110 | 340 | 2,100 | - | - | - | - | 140 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 06/13/2012 | 56.51 | - | 7.80 | 48.71 | - | 0.73 | 20.6 | - | - | - | 76[12] | <72[12,40,43] | 4,900 | <1 | 19 | 100 | 470 | - | - | - | - | 96[41] | - | - | - | - | - | - | - | - | - | - | - | - | - |
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| MW-14 | 12/10/2012 | 56.51 | - | 8.52 | 47.99 | - | 0 | -101.1 | - | - | - | 53[12] | <71[12,18,40] | 3,000 | <5 | 11 | 60 | 390 | - | - | - | - | 48 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 03/11/2013 | 56.51 | - | 7.70 | 48.81 | - | 0 | -63.3 | - | - | - | 230[12] | <67[12,18,40] | 17,000 | <5 | 100 | 460 | 2,500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 06/12/2013 | 56.51 | - | 7.90 | 48.61 | - | 1.51 | 74.6 | - | - | - | 120 | <66[47,49] | 10,000 | 0.5 | 56 | 390 | 1,800 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 09/18/2013 | 56.51 | - | 9.28 | 47.23 | - | 1.35 | 86.3 | - | - | - | 190 | <67[40,54] | 12,000 | 0.6 | 50 | 460 | 2,300 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 12/11/2013 | 56.51 | - | 8.90 | 47.61 | - | 1.19 | 11.6 | - | - | - | 90 | <66[40,54] | 9,200 | <3 | 39 | 310 | 1,900 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
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| **MW-14** | **09/27/2014** | **56.51** | - | **9.22** | **47.29** | - | **1.66** | **-90.9** | - | - | - | - | - | **280** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 08/27/1998 | - | - | - | - | - | - | - | - | - | - | - | - | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 01/19/1999 | - | - | - | - | - | - | - | - | - | - | - | - | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 08/30/1999 | - | - | - | - | - | - | - | - | - | - | - | - | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 03/13/2000 | - | - | - | - | - | - | - | - | - | - | - | - | ND | ND | ND | ND | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 09/19/2000 | - | - | - | - | - | - | - | - | - | - | - | - | ND | ND | ND | ND | ND | - | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 03/20/2001 | - | - | - | - | - | - | - | - | - | - | - | - | ND | ND | ND | ND | ND | - | ND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 08/21/2001 | - | - | - | - | - | - | - | - | - | - | - | - | <50.0 | <0.500 | <0.500 | <0.500 | <1.00 | - | <1.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 03/11/2002 | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.50 | <0.50 | <0.50 | <1.5 | - | <2.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
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TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | mS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| Trip Blank | 09/05/2007[24] | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
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| Trip Blank | 03/06/2008[24] | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
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| Trip Blank | 03/07/2011 | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
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| Trip Blank | 09/10/2012 | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 12/10/2012 | - | - | - | - | | - | - | | | | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | | | | | | | | | | | | | | | | | |
| Trip Blank | 03/11/2013 | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 06/12/2013 | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 09/18/2013 | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 12/11/2013 | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 03/12/2014 | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trip Blank | 09/27/2014 | - | - | - | - | - | - | - | - | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenz(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |

**Abbreviations and Notes:**

TOC = Top of casing
DTP = Depth to product
DTW = Depth to water
GWE = Groundwater elevation
LNAPLT = Separate phase hydrocarbon thickness
(ft-amsl) = Feet above mean sea level
ft = Feet
mg/L = Milligrams per liter
µg/L = Micrograms per liter
TPH-DRO = Total petroleum hydrocarbons - diesel range organics
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
TPH-HRO = Total petroleum hydrocarbons - oil range organics
VOCS = Volatile organic compounds
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylene
MTBE = Methyl tert-butyl ether
M.B.A.S. = Methylene blue active substances
TBA = Tert-butyl alcohol
DIPE = Diisopropyl ether
ETBE = Tert-butyl ethyl ether
TAME = Tert-amyl methyl ether
EDB = 1,2-Dibromoethane (ethylene dibromide)
1,2-DCA = 1,2-Dichloroethane
-- = Not available and/or not applicable
<x = Not detected at or above laboratory method detection limit
J - Estimated concentration.
ND = Non-detected
- Not analyzed.

* TOC elevations have been surveyed on August 14, 2007, by Statewide Land Surveying, Inc. Vertical datum is NAVD 88 by GPS observations.
TOC elevations have been surveyed in feet relative to an arbitrary datum.

** GWE was corrected for the presence of SPH; correction factor: [(TOC - DTW) + (SPHT x 0.80)].

*** GWE was corrected for the presence of SPH; correction factor: [(TOC - DTP - SPHT) + (SPHT x 0.80)]; Historical data has been altered to correct error in original reporting of depth to product as depth to water.

1 Total Lead by EPA Method 7421 was ND.
2 Total Lead by EPA Method 7421 was 24 ppb.
3 Total Lead by EPA Method 7421 was 8.2 ppb.
4 Total Lead by EPA Method 7421 was 5.8 ppb.
5 Total Lead by EPA Method 7421 was 5.5 ppb.
6 GWE was not corrected for the presence of free product.
7 Total Lead by EPA Method 7421 was 17 ppb.
8 Total Lead by EPA Method 7421 was 3.5 ppb.

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Date | TOC | DTP | DTW | GWE | LNAPLT | Dissolved Oxygen | Oxidation Reduction Potential | Temperature | pH | Conductivity | TPH-DRO | TPH-HRO | TPH-GRO | B | T | E | X | MTBE by SW8260 | MTBE by SW8260B | Dissolved | Total | M.B.A.S. | DIPE | ETBE | TAME | TBA | 1,2-DCA | EDB | Benzo(a)anthracene | Chrysene | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)pyrene | Indeno(1,2,3-cd)pyrene | Dibenzo(a,h)anthracene |
| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |

9 Detection limit raised. Refer to analytical reports.
10 MTBE by EPA Method 8260.
11 Cannot open well cover due to an addition to top of well.
12 Analyzed with silica gel cleanup.
13 TOC has changed due to gazebo being built over well and well being raised. The well is now in middle of gazebo.
14 Dissolved Lead by Method SW-846 6010B was <5.90 ppb.
15 Current laboratory analytical results do not coincide with historical data, and although the laboratory results were confirmed; it appears that the samples were switched.
16 BTEX and MTBE analyzed by EPA Method 8260B.
17 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes earlier in the DRO range.
18 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range earlier than #2 fuel.
19 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes earlier and later in the DRO range.
20 Laboratory confirmed result.
21 Data provided by CRA.
22 Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
23 Compound was found in the blank and sample.
24 BTEX by EPA Method 8260.
25 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.
26 Laboratory report indicates due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.
27 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to individual peaks eluting in the DRO range and a pattern eluting in the DRO range later than #2 fuel.
28 Laboratory report indicates this sample was re-analyzed at a higher dilution outside the method hold time with a result of 40,000 ug/L.
29 Laboratory report indicates that the blank surrogate data is outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction therefore, all results are reported from the original extract. Similar results were obtained in both extracts. The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range earlier than #2 fuel.
30 Laboratory report indicates concentration exceeds the calibration range of the instrument.
31 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to individual peaks eluting in the DRO range and an additional pattern eluting in the DRO range earlier than #2 fuel.
32 Laboratory report indicates the reporting limits for GC/MS volatile compounds were raised due to sample foaming.
33 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel an additional pattern which elutes earlier in the DRO range and individual peaks eluting in the DRO range.
34 Tubing in well.
35 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It contains two patterns in the DRO range, one earlier and one later than #2 fuel.
36 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range earlier then #2 fuel and contains individual peaks eluting in the DRO range.
37 Inaccessible.
38 Not sampled due to the presence of SPH.
39 Dry.
40 The reverse surrogate, capric acid, is present at <1%.
41 Reporting limits were raised due to interference from the sample matrix.
42 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel. It elutes in the DRO range later than #2 fuel
43 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel. It elutes in the DRO range earlier than #2 fuel
44 This analysis was performed from a previous opened container with headspace. The previous analysis was performed prior to a bracketing CCV which failed low. The results of that analysis was also N.D.
45 The observed sample pattern is typical of #2 fuel/diesel.
46 Due to the matrix of the sample extract, capric acid recovery can not be determined.
47 The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.
48 The observed sample pattern includes #2 fuel/diesel.
49 The reverse surrogate, capric acid, is present at 1%.

TABLE 1

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FORMER CHEVRON SERVICE STATION 97502
124 FERRY STREET
SEDRO-WOOLLEY, WASHINGTON

| | | | | | | | FIELD PARAMETERS | | | | | HYDROCARBONS | | | PRIMARY VOCS | | | | PRIMARY VOCS | | LEAD | | ADDITIONAL VOCS | | | | | | | SVOCS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| | Units | ft | ft | ft | ft-amsl | ft | mg/L | millivolts | Deg C | s.u. | uS/cm | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |

50 Due to the presence of fuel in the sample extract, capric acid recovery can not be determined.

51 The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes earlier in the DRO range.

52 The observed sample pattern is not typical of #2 fuel/diesel. It contains two patterns in the DRO range, one earlier and one later than #2 fuel.

53 The observed sample pattern includes #2 fuel/diesel and additional patterns which elute earlier and later in the DRO range.

54 The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range earlier than #2 fuel.

55 The observed sample pattern includes #2 fuel/diesel

56 The observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to an individaul peak (s) eluting in the DRO range.

57 Sheen observed in sample.