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May 13, 2014
Cardno ERI 03116007L.LR11

Voluntary Cleanup Program Coordinator
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue Southeast
Bellevue, Washington 98008-5452

**SUBJECT** **Voluntary Cleanup Program Application and Confirmation Boring Work Plan**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington

VCP Coordinator:

At the request of ExxonMobil Environmental Services (EMES), on behalf of ExxonMobil Oil Corporation, Cardno ERI has prepared the enclosed *Voluntary Cleanup Program Application and Confirmation Boring Work Plan* for the subject site. The purpose of the report is to summarize remedial activities at the subject site, enroll the site in the Voluntary Cleanup Program, propose confirmation borings, and request the opinion of the Washington State Department of Ecology.

Please contact Mr. Michael J. Miller, Cardno ERI Project Manager for this site, at 206 767 2360, or Mr. Aaron Thom, EMES Project Manager for this site, at 832 544 3413, with any questions.

Sincerely,

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Senior Staff Scientist
for Cardno ERI
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Email: robert.thompson@cardno.com

Michael J. Miller
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**ENCLOSURE**
Cardno ERI's *Voluntary Cleanup Program Application and Confirmation Boring Work Plan*, dated May 13, 2014.

cc: w/ enclosure
Mr. John T. Margeson, Bank of America, N.A. *(electronic copy)*
Mr. Arne Swanson, Sunset Hill Memorial Park *(electronic copy)*
Ms. Joanne Bledsoe, Trust & Bel-East Partners, Inc. *(electronic copy)*
Mr. Aaron Thom, ExxonMobil Environmental Services *(electronic copy)*

# Voluntary Cleanup Program Application and Confirmation Boring Work Plan

Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington

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Prepared for
ExxonMobil Environmental Services

May 13, 2014

Cardno ERI
Shaping the Future

# Voluntary Cleanup Program Application and Confirmation Boring Work Plan

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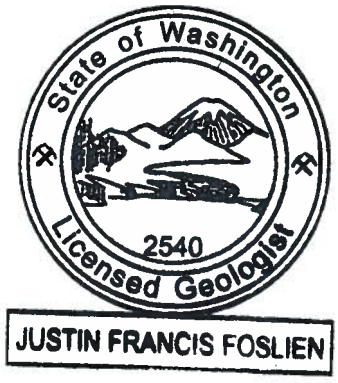


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# Plates



# Tables



# Appendices

# 1 Introduction

At the request of ExxonMobil Environmental Services (EMES), on behalf of ExxonMobil Oil Corporation, Cardno ERI prepared this report summarizing environmental assessment and remedial activities conducted at the subject site. The purpose of this report is to enroll the site in the Voluntary Cleanup Program (VCP), summarize remediation and assessment activities performed to date, present first quarter 2014 groundwater monitoring and sampling results, and outline proposed confirmation boring activities. Additionally, Cardno ERI recommends requesting an opinion from the Washington State Department of Ecology (Ecology) on the following items:

- Based on a review of historical investigations beginning in 1991, it appears that the nature and extent of the hydrocarbon release to soil and groundwater associated with the former service station has been defined in accordance with the Washington State Administrative Code Chapter (WAC) 173-340-350 (WAC, 2014).
- Based on a review of the remedial efforts conducted to date, concentrations of residual hydrocarbons at the subject site have been reduced. Therefore, Cardno ERI proposes conducting confirmation soil borings, detailed in section 4, which will completely characterize post-remedial soil conditions at the subject site.
- Groundwater data indicates concentrations of dissolved-phase hydrocarbons have been substantially reduced. Therefore, Cardno ERI proposes a reduction in groundwater sampling scope. Select wells will be sampled to evaluate for compliance in areas of the site where hydrocarbon concentrations have been detected during any of the previous four quarters of groundwater sampling.

# 2 Background

## 2.1 Site Description

### 2.1.1 Site Definition

The site is defined by the extent of release to soil and groundwater of TPHg, TPHd, TPHmo, and BTEX associated with 1500 145th Place Southeast, Bellevue, Washington (the property).

### 2.1.2 Area Description

The property is located on the north side of Southeast 16th Street and east of 145th Place Southeast in Bellevue, King County, Washington (Plate 1). The area is comprised of commercial and residential properties. The King County Assessor tax parcel for the property which comprises the site is: 032405-9162, with a description of Township 24N; Range 05E; Section 03; Quarter-Quarter NENE. The property coordinates are: Latitude 47 Degrees, 35 Minutes, 47.8032 Seconds; Longitude -122 Degrees, 08 Minutes, 59.3124 Seconds (Google Earth, 2014).

### 2.1.3 Property History and Use

The property contains an active strip mall consisting of a QFC grocery store and other small shops and restaurants. Three USTs of varying size were reported on site and removed in December 1972. The size, content, and installation date for the three USTs is unknown (Ecology, 2014).

### 2.1.4 Sources of Hydrocarbon Concentrations and History of Releases

The historical hydrocarbon release source for this site is associated with the former USTs and fuel conveyance system.

### 2.1.5 Physiographic Setting

The approximate elevation of the site is 330 feet above msl, and the topography of the site slopes to the west toward Richards Creek. Zoning is primarily residential, with a couple of commercial zones in the area.

### 2.1.6 Surface Water

The nearest surface water body is Larsen Lake located 0.7 miles to the northeast of the site. Richards Creek is located 0.7 miles to the west of the site. Phantom Lake is located 1.0 mile southeast of the site and Lake Sammamish is located 1.9 miles to the east of the site.

### 2.1.7 Ecological Setting

There is little terrestrial habitat in the immediate vicinity of the property. The area is developed with residential properties and high volume roads.

### 2.1.8 Geology

The underlying geology in the region of the site is composed of Vashon Till, considered a semi-confining unit composed of unsorted and unstratified glacial deposits varying widely in size. Weathered Vashon Till and stratified subglacial deposits consisting of sand, silty sand with gravel, and silt with clay have been encountered from the surface to the total depth explored of 60 feet bgs (Vaccaro, 1998; ERI 2007).

### 2.1.9 Groundwater

The average groundwater gradient is generally to the southwest and groundwater is typically encountered at depths ranging from approximately 28 to 60 feet bgs (Cardno ERI, 2014). The primary deep aquifer in the area of the study site is the Puget Aquifer. It is composed of undifferentiated glacial and interglacial deposits and is generally more than 400 feet thick. (Vaccaro, 1998).

### 2.1.10 Water Use

The City of Bellevue acquires its drinking water through the Cascade Water Alliance (Cascade). Cascade purchases water from the City of Seattle. The City of Seattle draws water from the Tolt and Cedar River Watersheds. There are no public water wells within 1,500 meters of the site (Bellevue, 2014).

## 2.2 Previous Investigations and Discovery of Releases

Previous environmental investigations and remedial activities have been conducted at the site by various consultants beginning in 1991. In October 2000, Environmental Resolutions Inc. (ERI) became the designated environmental consultant for the site. All available previous consultants' records, reports, and files were transferred to ERI at that time. Locations of the former station building and pump islands, groundwater monitoring wells, and off-site groundwater monitoring wells are shown on Plate 2. Cumulative soil analytical results are summarized in Table 1. Well construction details are summarized in Table 2. Groundwater analytical results are summarized in Table 3.

### 2.2.1 Site Assessment Activities

In October 1991, ATEC Associates, Inc. (ATEC) observed the advancement of soil borings B1 through B5. Laboratory results indicated that 3 of 11 soil samples collected contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels (ATEC, 1991).

In December 1991, ATEC observed the advancement of soil borings B6 through B13. Laboratory results indicated that 5 of 32 soil samples collected contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels (ATEC, 1992a).

In January 1992, ATEC observed the advancement of soil borings B14 through B17. Laboratory results indicated that 8 of 13 soil samples collected contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels. Boring B16 was subsequently completed as vapor monitoring well MW1 (ATEC, 1992b).

In April 1992, Kleinfelder, Inc. (Kleinfelder) observed the advancement of soil borings MW2 through MW5 which were completed as groundwater monitoring wells. Laboratory results indicated that 4 of 19 soil samples collected contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels (Kleinfelder, 1992a).

In August 1992, Kleinfelder observed the advancement of soil borings MW6 through MW9 which were completed as groundwater monitoring wells. Laboratory results indicated that none of the soil samples collected contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels (Kleinfelder, 1992b).

In September and October 1994, Kleinfelder observed the advancement of soil borings MW10 through MW12 which were completed as groundwater monitoring wells. Laboratory results indicated that 1 of 11 soil samples collected contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels. Monitoring well MW11 was subsequently completed as vadose zone well MW11 (Kleinfelder, 1994).

In June 1995, Kleinfelder observed the advancement of soil boring MW13 which was completed as a groundwater monitoring well and the decommissioning of monitoring well MW1. Laboratory results indicated that soil samples collected from MW13 contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels. Monitoring well MW13 was subsequently completed as three nested wells MW13A, MW13B, and MW13C (Kleinfelder 1996).

In June 2005, ERI observed the advancement of soil borings B18 through B22. Laboratory results indicated that 5 of 9 soil samples collected contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels. Borings B18, B20, and B22 were completed as SVE wells SVS5, SVS6, and SVS7 respectively. Boring B19 was completed as groundwater monitoring well MW14. Boring MW21 was abandoned due to sluffing soil conditions (ERI, 2005).

In July 2007, ERI observed the advancement of soil borings B23 through B26. Laboratory results indicated that none of the soil samples collected contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels. Boring B23 was completed as groundwater monitoring well MW15 and borings B24 through B26 were completed as AS wells AS1 through AS3, respectively (ERI, 2007).

### 2.2.2 Remediation Activities

In April 1992, Kleinfelder performed a vapor extraction test on wells MW1 and MW2. This data indicated a radius of influence of approximately 30 feet. Kleinfelder concluded that acceptable remediation results could be achieved with a blower capable of producing a vacuum between 100 and 200 inches of water at flow rates less than 100 SCFM (Kleinfelder, 1992a).

In February 1994, Kleinfelder installed a vapor extraction system (VES) with vapor-phase carbon air treatment. The system began operation on March 16, 1994 and was modified to include a catalytic oxidizer (CATOX) in November 1994. The VES/CATOX system was operational from March 15, 1995 to November 2, 1995 when the CATOX was replaced with a regenerative blower without off-gas treatment (Kleinfelder, 1996).

In June 1995, Kleinfelder conducted pneumatic fracturing at vadose wells MW2, MW11, and MW13 to increase the formation permeability and enhance VOC extraction rates during vapor extraction. Test results indicated a decrease in vacuum of approximately 18 percent and an increase in horizontal permeability in nested wells MW13A, MW13B, and MW13C (Kleinfelder, 1996).

In June 1996, Kleinfelder modified MW6 to allow dual air-sparging and vapor extraction. An oxygen release compound was introduced in wells MW5 and MW8 on June 25, 1996 and replaced on April 15, 1998. The VES was shut down on March 19, 1997 removing a total of 825 pounds of hydrocarbons (Kleinfelder, 2000).

In January 2010, ERI began installation of a dual-phase AS/SVE remediation system on the subject site. The remediation system was operational from June 18, 2011 to June 11, 2013. During this period 34,169 gallons of groundwater was extracted while removing 1,214 pounds of TPHg from the subject site (Cardno ERI, 2014).

# 3 Current Site Conditions

## 3.1 Soil

A cross section trending southwest to northeast on Plate 3 and southeast to northwest on Plate 4 illustrates historical sample locations vertically with respect to the groundwater elevation observed at the subject site. A review of soil data indicates that concentrations of hydrocarbons in the soil exceeding the MTCA Method A Cleanup Levels remain primarily down gradient of the former UST pit and in the southwestern portion of the subject site (Tables 1, Plate 5). The operation of the combined AS/SVE remediation system along with natural attenuation is expected to have reduced concentrations of residual hydrocarbons in to soil below the MTCA Method A Cleanup Level. The proposed confirmation boring investigation will identify the effectiveness of remediation and point out any areas where residual hydrocarbon concentrations may still persist.

## 3.2 Groundwater

On March 6, 2014, Cardno ERI visited the site to measure the DTW and collect groundwater samples from nine on-site groundwater monitoring wells for laboratory analysis (Table 3). Groundwater sampling activities were performed in accordance with Cardno ERI's standard field protocol (Appendix A). Laboratory reports and field logs are available in Appendix B.

Quarterly groundwater monitoring was initiated at the site on April 2, 1992. The most recent groundwater analytical results for existing groundwater monitoring wells are illustrated on Plate 6. Groundwater elevation data collected on June 17, 2013 is shown on Plate 7. On June 17, 2013 groundwater elevation data was selected based on the most recent inclusion of offsite wells during a sampling event.

Historical groundwater data indicates concentrations of dissolved hydrocarbons exceeding the MTCA Method A Cleanup Levels were observed in all wells with the exception of MW2 and MW9 at the subject site in 1992. NAPL has historically been detected in MW1 and MW6. Remedial efforts including the operation of a dual AS/SVE remediation system has decreased benzene concentrations in groundwater from 13,000 µg/L in 1992 to the current maximum concentration of 2.60 µg/L observed on the March 6, 2014 sampling event (99% removal). Throughout the monitoring program, multiple wells have been persistently dry or contained insufficient sample volumes, making it difficult to routinely characterize all wells at specific points in time; however groundwater samples collected from all wells, with the exception of SVE6, SVE7 and MW13B, have contained groundwater concentrations below the MTCA Method A Cleanup Levels. With the exception of groundwater in SVE6, SVE7, and MW13B groundwater concentrations are protective of human health and the environment in accordance with the MTCA (WAC 173-340-720) in all wells at the subject site.

# 4 Proposed Confirmation Sampling Activities

Cardno ERI proposes the advancement of soil borings to confirm that soil conditions are protective of human health and the environment. The proposed work includes the advancement of 7 soil borings to depths ranging from 6 to 53 feet bgs (Plate 8). The proposed confirmation borings will be advanced in the vicinity of historical soil samples where laboratory analytical results indicated the highest levels of hydrocarbons that were not confirmed by subsequent soil sampling to have been reduced to levels below the MTCA cleanup levels (Plate 5). The procedures for boring advancement, soil sampling, and decontamination are described in the field protocol contained in Appendix A. The fieldwork will be conducted under the advisement of a professional geologist and in accordance with applicable regulatory guidelines.

## 4.1 Pre-Field Activities

Prior to conducting field activities, a state licensed driller will obtain Washington start cards from Ecology. Cardno ERI will contract a private utility locating service to locate underground utilities at the site.

## 4.2 Confirmation Boring Advancement

The proposed borings will be cleared with air knife clearance drilling equipment to depths of 8 feet bgs in accordance with EMES' subsurface clearance protocol. The proposed soil borings will be advanced to their final depths using hollow stem auger drilling equipment. Soil samples will be collected for laboratory analysis at depths where historical analytical results indicated residual hydrocarbons exceeding the MTCA Method A Cleanup Levels in each boring. Additionally where historical soil samples exceeded the MTCA Method A Cleanup Levels at the lowest depth investigated, samples will be collected and additional samples maybe collected at greater depths based on field observations to vertically delineate each location. Soil samples submitted for laboratory analysis will be preserved in accordance with EPA Method 5035. Following confirmation boring advancement, borings will be backfilled with bentonite chips from total depth to 2 feet bgs and completed with concrete from 2 feet bgs to grade.

## 4.3 Laboratory Analyses

Previous investigations have indicated the historical hydrocarbon release to soil and groundwater is defined by TPHg, TPHd, TPHmo, and BTEX. Therefore, samples collected in the proposed investigation will be analyzed for constituents in accordance with MTCA Table 830-1. Soil samples to be submitted for analyses will be selected based on historical detections and field observations.

Select soil samples will be submitted for analysis to TestAmerica Laboratories, Inc. (TestAmerica), located in Nashville, Tennessee. The samples will be analyzed for TPHg in accordance with EPA Method NWTPH-Gx, TPHd and TPHmo in accordance with EPA Method NWTPH-Dx, and BTEX in accordance with EPA Method 8260B. Select soil samples will be analyzed for total lead in accordance with EPA Method 6010B.

Select samples will also be analyzed in accordance with MTCA Method B criteria for additional VOCs in accordance with EPA Method 8260B, PAHs in accordance with EPA Method 8270C SIM PAH, volatile petroleum hydrocarbon fractions in accordance with EPA Method NWTPH-VPH, extractable petroleum hydrocarbon fractions in accordance with EPA Method NWTPH-EPH, and fractional organic carbon in accordance with EPA Method 9060M.

## 4.4 Waste Management Plan

The soil and decontamination water generated during drilling activities will be temporarily stored on site in DOT-approved, 55-gallon drums. Soil and decontamination water will be transported to an EMES approved

disposal facility for disposal following profiling and characterization. Waste disposal documentation for soil and water will be included in the report.

## 4.5 Report

After completion of the proposed field activities, a report summarizing field and laboratory procedures, boring logs, and laboratory results will be submitted to EMES and Ecology. The report will be signed by a State of Washington professional geologist.

# 5 Voluntary Cleanup Program Application

## 5.1 Voluntary Cleanup Program Application and Agreement

Cardno ERI prepared the enclosed VCP Application (Appendix C), VCP Agreement (Appendix D) and Terrestrial Ecological Evaluation (TEE) (Appendix E). A site location map, local area map, and site aerial map are included with the VCP Application in Appendix C as Plates A through C, respectively.

## 5.2 Terrestrial Ecological Evaluation

Cardno ERI performed a terrestrial ecological evaluation (TEE) for Former Mobil Station 99BLV and completed the TEE exclusion form in accordance with WAC 173-340-7491. Based on the presence of less than 1.5 acres of contiguous undeveloped land adjacent to the site, it was determined that the site is eligible for exclusion from further TEE (Appendix E).

# 6 Recommendations

Cardno ERI recommends submitting this *Voluntary Cleanup Program Application and Confirmation Boring Work Plan* to Ecology to enter the site into the VCP for review and an opinion on cleanup efforts and the proposed work plan to confirm areas at the site historically above the MTCA Method A Cleanup Levels. Also, the scope of groundwater sampling will be adjusted to monitor only the portions of the site that remain above the MTCA Method A Cleanup Level. Sampling will be suspended for off-site wells and wells that have obtained four consecutive quarters of analytical results below the MTCA Method A Cleanup Levels.

# 7 Contact Information

> The responsible party contact is Mr. Aaron Thom, ExxonMobil Environmental Services, 2555 West 190th, Torrance, California 90504.

> The consultant contact is Mr. Michael J. Miller, Cardno ERI, 801 Second Avenue, Suite 700, Seattle, Washington 98104.

> The agency contact is Washington State Department of Ecology, Northwest Regional Office, 3190 160th Avenue Southeast, Bellevue, Washington 98008-5452.

# 8 Limitations

For documents cited that were not generated by Cardno ERI, the data taken from those documents is used "as is" and is assumed to be accurate. Cardno ERI does not guarantee the accuracy of this data and makes no warranties for the referenced work performed nor the inferences or conclusions stated in these documents.

This document and the work performed have been undertaken in good faith, with due diligence and with the expertise, experience, capability and specialized knowledge necessary to perform the work in a good and workmanlike manner and within all accepted standards pertaining to providers of environmental services in Washington at the time of investigation. No soil engineering or geotechnical references are implied or should be inferred. The evaluation of the geologic conditions at the site for this investigation is made from a limited number of data points. Subsurface conditions may vary away from these data points.

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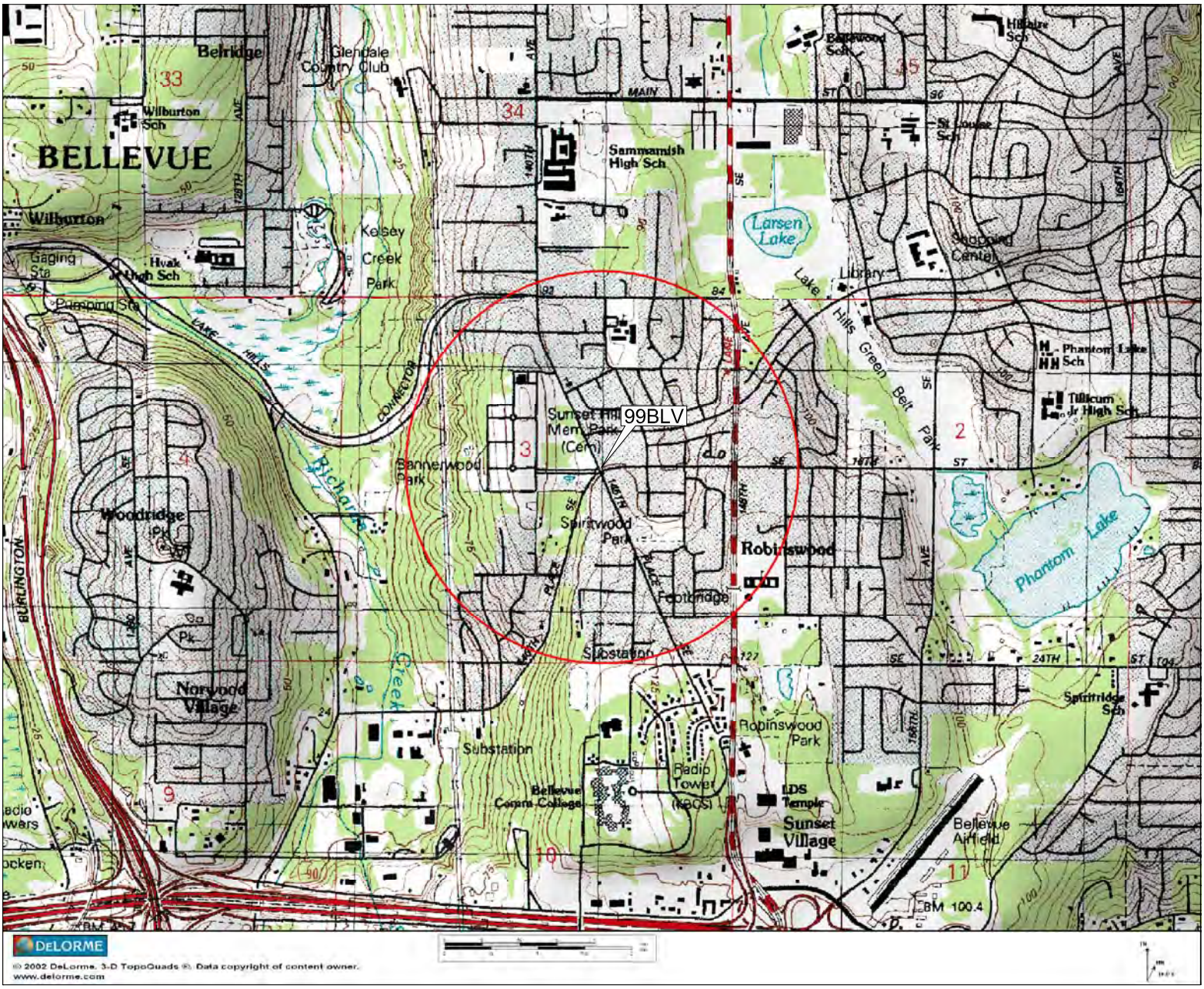
# 10 Acronym List

| | |
|---|---|
| µg/L | Micrograms per liter |
| µs | Microsiemens |
| 1,2-DCA | 1,2-dichloroethane |
| acfm | Actual cubic feet per minute |
| AS | Air sparge |
| bgs | Below ground surface |
| BTEX | Benzene, toluene, ethylbenzene, and total xylenes |
| CEQA | California Environmental Quality Act |
| cfm | Cubic feet per minute |
| COC | Chain of Custody |
| CPT | Cone Penetration (Penetrometer) Test |
| DIPE | Di-isopropyl ether |
| DO | Dissolved oxygen |
| DOT | Department of Transportation |
| DPE | Dual-phase extraction |
| DTW | Depth to water |
| EDB | 1,2-dibromoethane |
| EPA | Environmental Protection Agency |
| ESL | Environmental screening level |
| ETBE | Ethyl tertiary butyl ether |
| FID | Flame-ionization detector |
| fpm | Feet per minute |
| GAC | Granular activated carbon |
| gpd | Gallons per day |
| gpm | Gallons per minute |
| GWPTS | Groundwater pump and treat system |
| HVOC | Halogenated volatile organic compound |
| J | Estimated value between MDL and PQL (RL) |
| LEL | Lower explosive limit |
| LPC | Liquid-phase carbon |
| LRP | Liquid-ring pump |
| LUFT | Leaking underground fuel tank |
| LUST | Leaking underground storage tank |
| MCL | Maximum contaminant level |
| MDL | Method detection limit |
| mg/kg | Milligrams per kilogram |
| mg/L | Milligrams per liter |
| $mg/m^3$ | Milligrams per cubic meter |
| MPE | Multi-phase extraction |
| MRL | Method reporting limit |
| msl | Mean sea level |
| MTBE | Methyl tertiary butyl ether |
| MTCA | Model Toxics Control Act |
| NAI | Natural attenuation indicators |
| NAPL | Non-aqueous phase liquid |
| NEPA | National Environmental Policy Act |
| NGVD | National Geodetic Vertical Datum |
| NPDES | National Pollutant Discharge Elimination System |
| O&M | Operations and Maintenance |
| ORP | Oxidation-reduction potential |
| OSHA | Occupational Safety and Health Administration |
| OVA | Organic vapor analyzer |
| P&ID | Process & Instrumentation Diagram |
| PAH | Polycyclic aromatic hydrocarbon |
| PCB | Polychlorinated biphenyl |
| PCE | Tetrachloroethene or perchloroethylene |
| PID | Photo-ionization detector |
| PLC | Programmable logic control |
| POTW | Publicly owned treatment works |
| ppmv | Parts per million by volume |
| PQL | Practical quantitation limit |
| psi | Pounds per square inch |
| PVC | Polyvinyl chloride |
| QA/QC | Quality assurance/quality control |
| RBSL | Risk-based screening levels |
| RCRA | Resource Conservation and Recovery Act |
| RL | Reporting limit |
| scfm | Standard cubic feet per minute |
| SSTL | Site-specific target level |
| STLC | Soluble threshold limit concentration |
| SVE | Soil vapor extraction |
| SVOC | Semivolatile organic compound |
| TAME | Tertiary amyl methyl ether |
| TBA | Tertiary butyl alcohol |
| TCE | Trichloroethene |
| TOC | Top of well casing elevation; datum is msl |
| TOG | Total oil and grease |
| TPHd | Total petroleum hydrocarbons as diesel |
| TPHg | Total petroleum hydrocarbons as gasoline |
| TPHmo | Total petroleum hydrocarbons as motor oil |
| TPHs | Total petroleum hydrocarbons as stoddard solvent |
| TRPH | Total recoverable petroleum hydrocarbons |
| UCL | Upper confidence level |
| USCS | Unified Soil Classification System |
| USGS | United States Geologic Survey |
| UST | Underground storage tank |
| VCP | Voluntary Cleanup Program |
| VOC | Volatile organic compound |
| VPC | Vapor-phase carbon |




FN 0311600001

## EXPLANATION

1/2-mile radius circle

N

## APPROXIMATE SCALE

0 0.5 1 mile

SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

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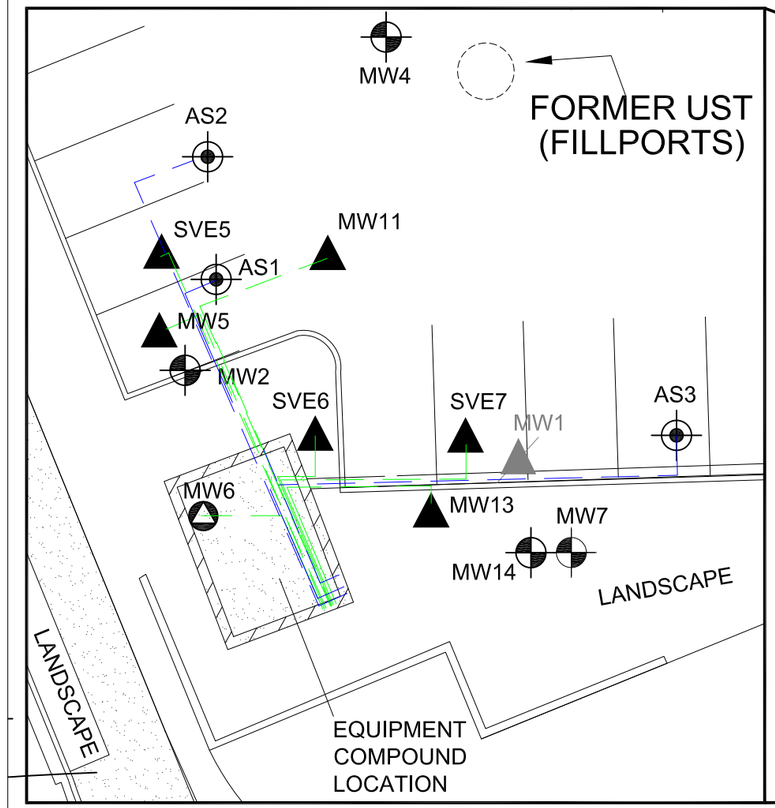
# SITE LOCATION MAP

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

**PROJECT NO.**
031160

**PLATE**
1

RGH: 09/29/11





# INSET MAP

Soil Vapor Extraction Piping

Air Sparge Piping

SOURCE: Modified from a map provided by ExxonMobil Oil Corporation

APPROXIMATE SCALE

0 30 60 Feet

FN 0311600002

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## GENERALIZED SITE PLAN

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

EXPLANATION

- MW15 — Groundwater Monitoring Well
- AS3 — Air Sparging Well
- SVE7 — Soil Vapor Extraction Well
- MW13A,B,C — Vadose Zone Vapor Extraction Well Cluster
- Concrete
- MW7 — Covered Groundwater Monitoring Well
- MW1 — Destroyed Soil Vapor Extraction Well
- MW6 — Dual Phase Extraction Well

**PROJECT NO.** 031160

**PLATE** 2

RGH: 10/05/11

West (A)

East (A')

Feet Above Mean Sea Level (msl)

MW12 B9 B15 MW6 B10 MW13A MW14 MW7 B12 AS3 B17 MW3

FILL

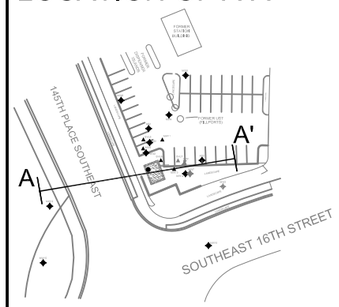
SM SW SP

WATER LEVEL ON 06/17/13

330 320 310 300 290 280 270 260 250

0 10 20 30 40 50 60 70 80 90 100 110 120

LOCATION OF A-A'




SP SAND, Poorly Graded

SW SAND, Well Graded

SM SILTY SAND

▼ Historic High/Low Groundwater Level

∇ Water Encountered During Drilling

MW12, B17, & MW3 Projected onto Cross Section

MW13A was dry on 06/17/13

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# CROSS SECTION A-A'

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

Numbers or Symbols in Red Indicate Residual Hydrocarbon Concentrations Exceeding MTCA Method A Cleanup Levels

Numbers or Symbols in Green Indicate Residual Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels

Well Screen Interval

Backfill or Blank Interval

**PROJECT NO.**
031160

**PLATE**
3
RRT: 03/25/14

North (B)

South (B')

Feet Above Mean Sea Level (msl)

330
320
310
300
290
280
270
260
250

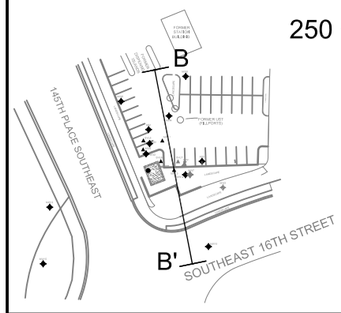
MW9
MW4
MW11
B13
SVE7
MW1*
MW13A
MW14
MW10

FILL
SM
SP
SW

WATER LEVEL ON 06/17/13

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LOCATION OF B-B'




SP SAND, Poorly Graded

SM SILTY SAND

FILL

SW SAND, Well Graded

ML SILT

▼ Historic High/Low Groundwater Level

∇ Water Encountered During Drilling

MW9 & MW10 Projected onto Cross Section

MW13A and SVE7 were dry on 06/17/13

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# CROSS SECTION B-B'

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

Numbers or Symbols in Red Indicate Residual Hydrocarbon Concentrations Exceeding MTCA Method A Cleanup Levels

Numbers or Symbols in Green Indicate Residual Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels

Well Screen Interval

Backfill or Blank Interval

* = Destroyed Well

**PROJECT NO.**
031160

**PLATE**
4
RRT: 03/25/14

Laboratory Results in mg/kg

| | |
|---|---|
| S-30-B20 | Sample Name |
| 06/28/05 | Sample Date |
| 30 | Sample Depth |
| 1,400 | Total Petroleum Hydrocarbons as Gasoline |
| 14.5 | Benzene |
| 58.6 | Toluene |
| 16.6 | Ethylbenzene |
| 101 | Total Xylenes |

-- = Not Analyzed
<1.00 = Less than the Stated Laboratory Reporting Limit

Numbers or Well Symbols in Red Indicate Dissolved Hydrocarbon Concentrations Which Exceed MTCA Method A Cleanup Levels

Numbers or Well Symbols in Blue Indicate Dissolved Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels

No Data Available for Numbers or Well Symbols in Black

| MW5 | MW0504072C | MW0504072D |
|---|---|---|
| | 04/07/92 | 04/07/92 |
| | 47.5 | 52.5 |
| | 1.4 | -- |
| | 0.12 | 0.097 |
| | <0.10 | <0.10 |
| | 0.27 | 0.27 |
| | 0.18 | 0.19 |

| MW2 | MW0204022A | MW0204022B |
|---|---|---|
| | 04/02/92 | 04/02/92 |
| | 12.5 | 17.5 |
| | 120 | 31 |
| | <0.050 | <0.050 |
| | <0.10 | <0.10 |
| | 0.52 | 0.1 |
| | 5 | 1.1 |

| B1 | B-1/S-3 | B-1/S-5 |
|---|---|---|
| | 10/25/91 | 10/25/91 |
| | 15 | 21 |
| | -- | -- |
| | 0.067 | 0.057 |
| | 7.4 | <0.005 |
| | 5.2 | 0.073 |
| | 52 | 0.56 |

| B15 | B15-29 | B15-34 | B15-39 |
|---|---|---|---|
| | 01/29/92 | 01/29/92 | 01/29/92 |
| | 29 | 34 | 39 |
| | <10 | 1,040 | <10 |
| | 0.19 | 11.8 | 0.19 |
| | 0.16 | 43.9 | 0.22 |
| | <0.05 | -- | <0.05 |
| | 0.15 | 89.8 | 0.22 |

| B10 | B-10-11 | B-10-30 |
|---|---|---|
| | 12/12/91 | 12/12/91 |
| | 11 | 30 |
| | -- | -- |
| | 1.90 | 0.085 |
| | 0.780 | 2.30 |
| | 2.20 | 1.40 |
| | 15.00 | 7.50 |

| B4 | B-4/S-4 |
|---|---|
| | 10/25/91 |
| | 19 |
| | -- |
| | 0.13 |
| | 0.54 |
| | 1.4 |
| | 10 |

| B7 | B-7-11 |
|---|---|
| | 12/12/91 |
| | 11 |
| | -- |
| | 0.280 |
| | 0.930 |
| | 1.40 |
| | 1.70 |

| B8 | B-8-11 |
|---|---|
| | 12/12/91 |
| | 11 |
| | -- |
| | 0.110 |
| | 1.10 |
| | 2.50 |
| | 1.30 |

| MW11 | MW-11-10 |
|---|---|
| | 09/15/94 |
| | 10 |
| | 1,200 |
| | <0.40 |
| | 29 |
| | 22 |
| | 150 |

| SVE6 | S-15-B20 | S-30-B20 |
|---|---|---|
| | 06/28/05 | 06/28/05 |
| | 15 | 30 |
| | 595 | 1,400 |
| | 3.86 | 14.5 |
| | 7.44 | 58.6 |
| | 5.17 | 16.6 |
| | 62.6 | 101 |

| SVE7 | S-25-B22 | S-30-B22 |
|---|---|---|
| | 06/28/05 | 06/28/05 |
| | 25 | 30 |
| | 782 | 339 |
| | 6.59 | 3.94 |
| | 33.2 | 12.8 |
| | 10.3 | 4.18 |
| | 62.0 | 25.8 |

| MW1 | B16-24 | B16-29 | B16-34 | B16-39 |
|---|---|---|---|---|
| | 01/29/92 | 01/29/92 | 01/29/92 | 01/29/92 |
| | 24 | 29 | 34 | 39 |
| | 465 | 134 | 62 | <10 |
| | -- | -- | 1.02 | 0.2 |
| | -- | -- | 2.47 | 0.23 |
| | -- | -- | 1.09 | <0.05 |
| | -- | -- | 6.59 | 0.25 |

| B12 | B-12-21 |
|---|---|
| | 12/12/91 |
| | 21 |
| | -- |
| | 0.920 |
| | 1.20 |
| | 2.10 |
| | 1.30 |

| MW14 | S-20-B19 |
|---|---|
| | 06/28/05 |
| | 20 |
| | 1,600 |
| | 12.4 |
| | 61.2 |
| | 18.1 |
| | 144 |

| MW13 | MW13-16-06225 | MW13-Curbings @ 17 | MW13-20-06225 | MW13-25-06225 | MW13-30-06225 | MW13-35-06225 |
|---|---|---|---|---|---|---|
| | 06/22/95 | 06/22/95 | 06/22/95 | 06/22/95 | 06/22/95 | 06/22/95 |
| | 16 | 17 | 20 | 25 | 30 | 35 |
| | 120 | 54 | 560 | 500 | 58 | 310 |
| | 0.360 | 0.260 | 1.20 | 1.20 | 0.130 | 0.220 |
| | <0.050 | 0.097 | 9.10 | 3.30 | 0.280 | 1.00 |
| | 0.140 | 0.560 | 5.70 | 4.50 | 0.470 | 2.40 |
| | 1.80 | 9.9 | 50.0 | 32.0 | 3.30 | 17.0 |

FORMER STATION BUILDING
FORMER DISPENSER ISLANDS
FORMER UST (FILLPORTS)
LANDSCAPE
WALL
COVERED
145TH PLACE SOUTHEAST
SOUTHEAST 16TH STREET
SHELL-BRANDED SERVICE STATION
EQUIPMENT COMPOUND LOCATION
MW1 MW2 MW3 MW4 MW5 MW6 MW7 MW8 MW9 MW10 MW11 MW12 MW13 MW14 MW15
AS1 AS2 AS3
SVE5 SVE6 SVE7
B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 B14 B15 B17 B18 B21

N

APPROXIMATE SCALE
0 30 60 Feet

SOURCE: Modified from a map provided by ExxonMobil Oil Corporation

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# CUMULATIVE SOIL SAMPLE ANALYSES MAP

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

EXPLANATION

- MW15 — Groundwater Monitoring Well
- AS3 — Air Sparging Well
- SVE7 — Soil Vapor Extraction Well
- MW13A,B,C — Vadose Zone Vapor Extraction Well Cluster
- Concrete
- MW1 — Destroyed Soil Vapor Extraction Well
- MW6 — Dual Phase Extraction Well
- B18 — Historical Soil Boring

**PROJECT NO.** 031160

**PLATE** 5

RRT: 02/25/14

Laboratory Results in µg/L

| | |
|---|---|
| MW13B | Well ID |
| 03/06/14 | Sample Date |
| 2,860 | Total Petroleum Hydrocarbons as Gasoline |
| 1,030 | Total Petroleum Hydrocarbons as Diesel |
| <93.5 | Total Petroleum Hydrocarbons as Motor Oil |
| 2.60 | Benzene |
| 9.44 | Toluene |
| 28.6 | Ethylbenzene |
| 65.7 | Total Xylenes |
| 12.1 | Total Lead |
| 7.70 | Dissolved Lead |

-- = Not Analyzed

<1.00 = Less than the Stated Laboratory Reporting Limit

Numbers or Well Symbols in Red Indicate Dissolved Hydrocarbon Concentrations Which Exceed MTCA Method A Cleanup Levels

Numbers or Well Symbols in Blue Indicate Dissolved Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels

No Data Available for Numbers or Well Symbols in Black

| SVE5 | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| <100 | DRY | DRY | <100 |
| <93.5 | -- | -- | <94.3 |
| <93.5 | -- | -- | <94.3 |
| <1.00 | -- | -- | <1.00 |
| <1.00 | -- | -- | <1.00 |
| <1.00 | -- | -- | <1.00 |
| <3.00 | -- | -- | <3.00 |
| 184 | -- | -- | 27.6 |
| <5.00 | -- | -- | <5.00 |

| MW8 | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| -- | -- | <100 | <100 |
| -- | -- | <93.5 | <93.5 |
| -- | -- | <93.5 | <93.5 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <2.00 | <3.00 |
| -- | -- | 12.2 | 91.0 |
| -- | -- | <5.00 | <5.00 |

| MW9 | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| -- | -- | <100 | <100 |
| -- | -- | <93.5 | <93.5 |
| -- | -- | <93.5 | <93.5 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <2.00 | <3.00 |
| -- | -- | <5.00 | 9.60 |
| -- | -- | <5.00 | <5.00 |

| MW4 | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| -- | -- | <100 | <100 |
| -- | -- | <93.5 | <93.5 |
| -- | -- | <93.5 | <93.5 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <2.00 | <3.00 |
| -- | -- | 11.0 | 10.2 |
| -- | -- | <5.00 | 7.80 |

| SVE7 | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| 228 | DRY | DRY | DRY |
| 686 | -- | -- | -- |
| 411 | -- | -- | -- |
| <1.00 | -- | -- | -- |
| <1.00 | -- | -- | -- |
| <1.00 | -- | -- | -- |
| <3.00 | -- | -- | -- |
| 180 | -- | -- | -- |
| <5.00 | -- | -- | -- |

| MW5 | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| <100 | <100 | <100 | <100 |
| 110 | 129 | <93.5 | <94.3 |
| <95.2 | <94.3 | <93.5 | <94.3 |
| <1.00 | <1.00 | <1.00 | <1.00 |
| <1.00 | <1.00 | <1.00 | <1.00 |
| <1.00 | <1.00 | <1.00 | <1.00 |
| <3.00 | <3.00 | <2.00 | <3.00 |
| 23.2 | 11.5 | 16.1 | 12.5 |
| <5.00 | <5.00 | <5.00 | 8.40 |

| MW14 | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| -- | -- | <100 | <100 |
| -- | -- | <93.5 | <94.3 |
| -- | -- | <93.5 | <94.3 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <1.00 | <1.00 |
| -- | -- | <2.00 | <3.00 |
| -- | -- | 6.90 | 18.7 |
| -- | -- | <5.00 | <5.00 |

| MW6 | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| -- | <100 | <100 | <100 |
| -- | <94.3 | <93.5 | <93.5 |
| -- | <94.3 | <93.5 | <93.5 |
| -- | <1.00 | <1.00 | <1.00 |
| -- | <1.00 | <1.00 | <1.00 |
| -- | <1.00 | <1.00 | <1.00 |
| -- | <3.00 | <2.00 | <3.00 |
| -- | 6.20 | 236 | 6.80 |
| -- | <5.00 | <5.00 | <5.00 |

| MW13C | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| -- | DRY | DRY | <100 |
| -- | -- | -- | <94.3 |
| -- | -- | -- | <94.3 |
| -- | -- | -- | <1.00 |
| -- | -- | -- | <1.00 |
| -- | -- | -- | <1.00 |
| -- | -- | -- | <3.00 |
| -- | -- | -- | <50.0 |
| -- | -- | -- | <5.00 |

| MW12 | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| -- | -- | <100 | -- |
| -- | -- | <93.5 | -- |
| -- | -- | <93.5 | -- |
| -- | -- | <1.00 | -- |
| -- | -- | <1.00 | -- |
| -- | -- | <1.00 | -- |
| -- | -- | <2.00 | -- |
| -- | -- | <5.00 | -- |
| -- | -- | <5.00 | -- |

| MW13B | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| DRY | DRY | DRY | 2,860 |
| -- | -- | -- | 1,030 |
| -- | -- | -- | <93.5 |
| -- | -- | -- | 2.60 |
| -- | -- | -- | 9.44 |
| -- | -- | -- | 28.6 |
| -- | -- | -- | 65.7 |
| -- | -- | -- | 12.1 |
| -- | -- | -- | 7.70 |

| MW15 | | | |
|---|---|---|---|
| 03/19/13 | 06/17/13 | 10/30/13 | 03/06/14 |
| -- | -- | <100 | -- |
| -- | -- | <93.5 | -- |
| -- | -- | <93.5 | -- |
| -- | -- | <1.00 | -- |
| -- | -- | <1.00 | -- |
| -- | -- | <1.00 | -- |
| -- | -- | <2.00 | -- |
| -- | -- | 5.50 | -- |
| -- | -- | <5.00 | -- |

SOURCE: Modified from a map provided by ExxonMobil Oil Corporation

FORMER STATION BUILDING

FORMER DISPENSER ISLANDS

FORMER UST (FILLPORTS)

LANDSCAPE

MW9 MW8 MW4 MW11 DRY MW5 MW2 NS SVE5 SVE6 NS SVE7 DRY MW1 MW13A,B,C MW7 MW14 NS MW6 MW3 NS MW12 NS MW15 NS MW10 NS AS1 AS2 AS3

WALL

EQUIPMENT COMPOUND LOCATION

145TH PLACE SOUTHEAST

SOUTHEAST 16TH STREET

APPROXIMATE SCALE

0 30 60 Feet

N

FN 0311600002

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# GROUNDWATER SAMPLE ANALYSES MAP - 03/06/14

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

EXPLANATION

- MW15 / NS — Groundwater Monitoring Well; Not Sampled
- AS3 — Air Sparging Well
- SVE7 — Soil Vapor Extraction Well
- MW1 — Destroyed Soil Vapor Extraction Well
- MW6 — Dual Phase Extraction Well

**PROJECT NO.** 031160

**PLATE** 6

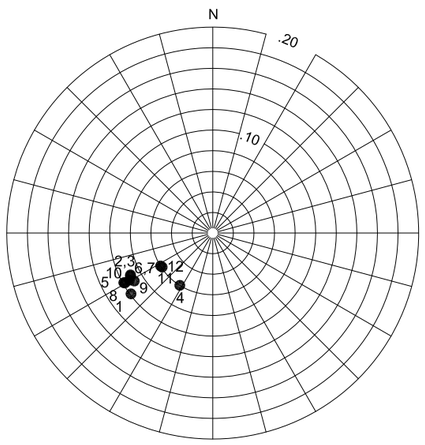
RRT: 12/20/13

Numbers or Well Symbols in Red Indicated Dissolved Hydrocarbon Concentrations Which Exceed MTCA Method A Cleanup Levels

Numbers or Well Symbols in Blue Indicated Dissolved Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels

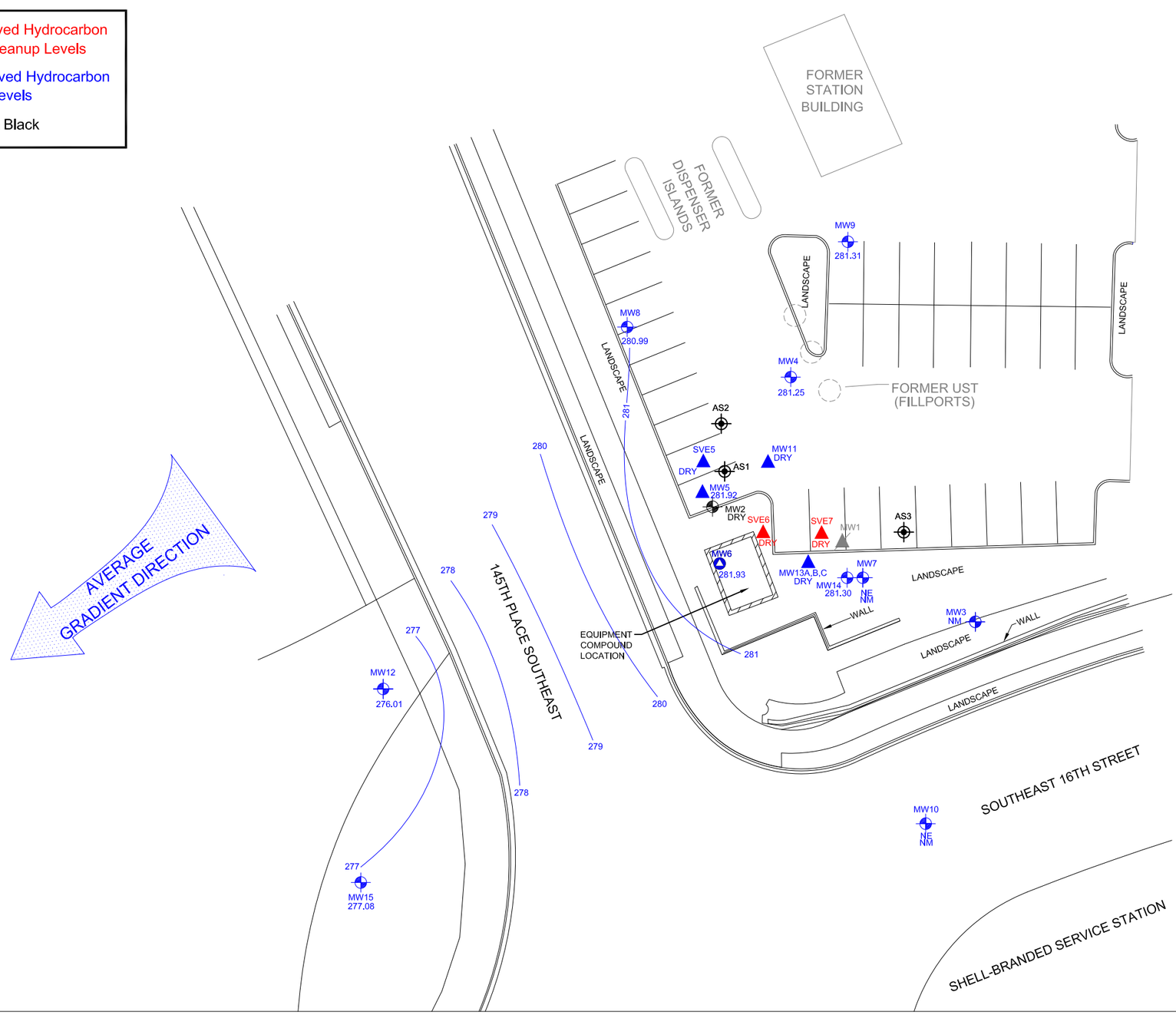
No Data Available for Numbers or Well Symbols in Black

Groundwater Rose Diagram for MW6




Direction of hydraulic gradient at MW6 for dates shown

1. 11/03/08
2. 03/03/09
3. 05/21/09
4. 08/05/09
5. 11/23/09
6. 03/22/10
7. 06/16/10
8. 09/02/10
9. 10/20/10
10. 01/31/11
11. 05/25/11
12. 06/17/13




SOURCE: Modified from a map provided by ExxonMobil Oil Corporation

FN 0311600002

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# GROUNDWATER ELEVATION MAP - 06/17/13

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

EXPLANATION

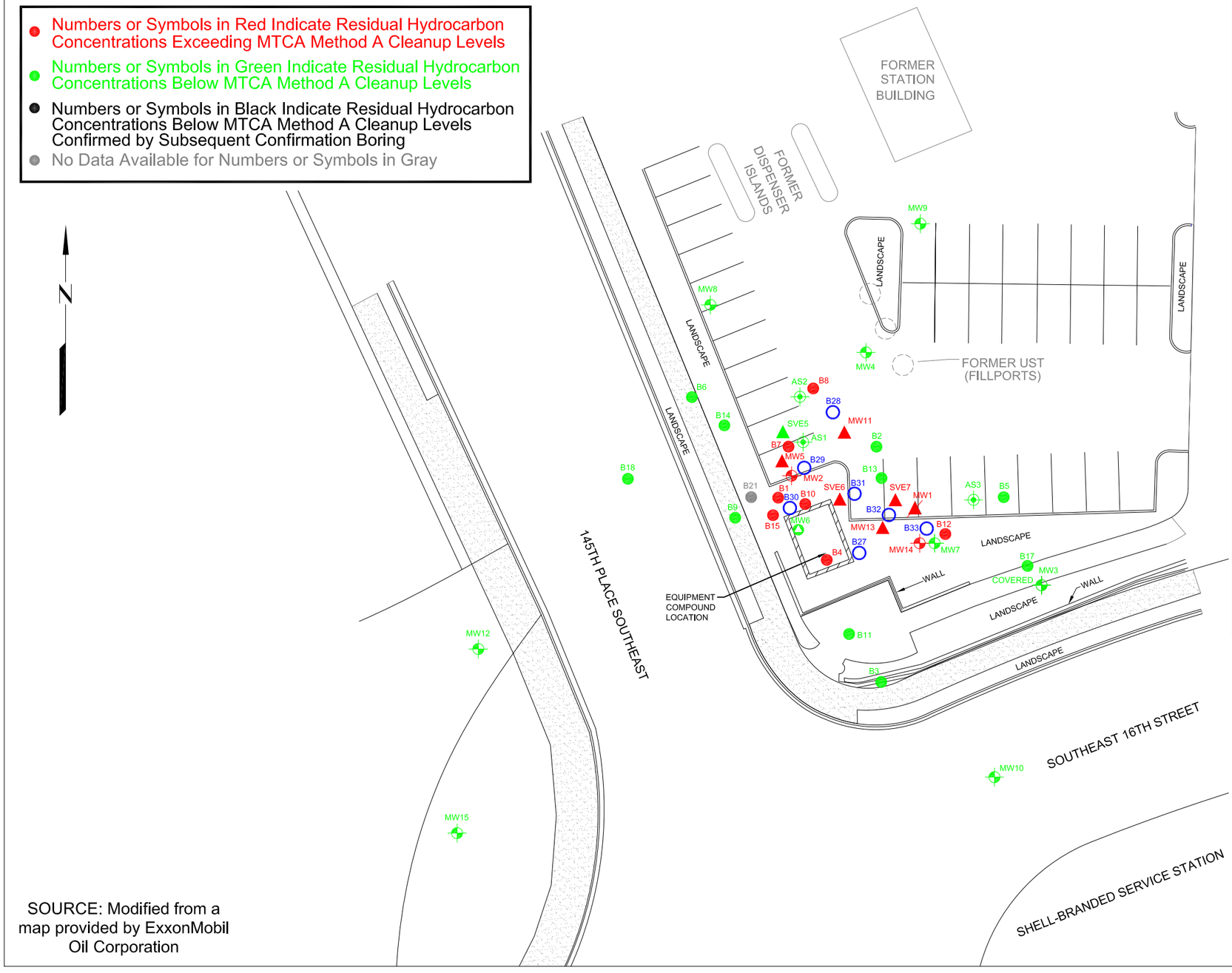
- MW15 / 277.08 — Groundwater Monitoring Well / Groundwater Elevation
- NE — Not Established
- NM — Not Monitored
- AS3 — Air Sparging Well
- SVE7 — Soil Vapor Extraction Well
- MW1 — Destroyed Soil Vapor Extraction Well
- MW6 — Dual Phase Extraction Well

**PROJECT NO.** 031160

**PLATE** 7

RRT: 12/20/13

- Numbers or Symbols in Red Indicate Residual Hydrocarbon Concentrations Exceeding MTCA Method A Cleanup Levels
- Numbers or Symbols in Green Indicate Residual Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels
- Numbers or Symbols in Black Indicate Residual Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels Confirmed by Subsequent Confirmation Boring
- No Data Available for Numbers or Symbols in Gray




SOURCE: Modified from a map provided by ExxonMobil Oil Corporation

APPROXIMATE SCALE
0 30 60 Feet

**Historical Soil Samples Results Which Exceeded MTCA Cleanup Levels and Subsequent Confirmation Sampling**

| Sample (Well ID) | | Date | Depth (ft bgs) | Above MTCA | *To Be Confirmed By* |
|---|---|---|---|---|---|
| B1 | B-1/S-3 | 10/25/91 | 15 | B, T, X | *B30 at 15'* |
| | B-1/S-5 | 10/25/91 | 21 | B | *B30 at 21'* |
| B4 | B-4/S-4 | 10/25/91 | 19 | B, X | *B27 at 19'* |
| B7 | B-7-11 | 12/12/91 | 11 | B | *B29 at 11'* |
| B8 | B-8-11 | 12/12/91 | 11 | B | *B28 at 11'* |
| B10 | B-10-11 | 12/12/91 | 11 | B, X | *B30 at 11'* |
| | B-10-30 | 12/12/91 | 30 | B | *B30 at 30'* |
| B12 | B-12-21 | 12/12/91 | 21 | B | *B33 at 21'* |
| B15 | B15-29 | 01/29/92 | 29 | B | *B30 at 29'* |
| | B15-34 | 01/29/92 | 34 | TPHg, B, T, X | *B30 at 34'* |
| | B15-39 | 01/29/92 | 39 | B | *B30 at 39'* |
| MW1 | B16-24 | 01/29/92 | 24 | TPHg | *B28 at 24'* |
| | B16-29 | 01/29/92 | 29 | TPHg | *B28 at 29'* |
| | B16-34 | 01/29/92 | 34 | TPHg, B | *B28 at 34'* |
| | B16-39 | 01/29/92 | 39 | B | *B28 at 39'* |
| MW2 | MW0204022A | 04/02/92 | 12.5 | TPHg | *B29 at 12.5'* |
| | MW0204022B | 04/02/92 | 17.5 | TPHg | *B29 at 17.5'* |
| MW5 | MW0504072C | 04/07/92 | 47.5 | B | *B29 at 47.5'* |
| | MW0504072D | 04/07/92 | 52.5 | B | *B29 at 52.5'* |
| MW11 | MW-11-10 | 09/15/94 | 10 | TPHg, T, E, X | *B28 at 10'* |
| MW13 | MW13-16-06225 | 06/22/95 | 16 | TPHg, B | *B32 at 16'* |
| | MW13-Cuttings @ 17 | 06/22/95 | 17 | TPHg, B, X | *B32 at 17'* |
| | MW13-20-6225 | 06/22/95 | 20 | TPHg, B, T, X | *B32 at 20'* |
| | MW13-25-6225 | 06/22/95 | 25 | TPHg, B, X | *B32 at 25'* |
| | MW13-30-6225 | 06/22/95 | 30 | TPHg, B | *B32 at 30'* |
| | MW13-35-6225 | 06/22/95 | 35 | TPHg, B, X | *B32 at 35'* |
| MW14 | S-20-B19 | 06/28/05 | 20 | TPHg, B, T, E, X | *B33 at 20'* |
| SVE6 | S-15-B20 | 06/28/05 | 15 | TPHg, B, T, X | *B31 at 15'* |
| | S-30-B20 | 06/28/05 | 30 | TPHg, B, T, E, X | *B31 at 30'* |
| SVE7 | S-25-B22 | 06/28/05 | 25 | TPHg, B, T, E, X | *B32 at 25'* |
| | S-30-B22 | 06/28/05 | 30 | TPHg, B, T, X | *B32 at 25'* |

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# PROPOSED BORING LOCATION MAP

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

EXPLANATION

- MW15 — Groundwater Monitoring Well
- AS3 — Air Sparging Well
- SVE7 — Soil Vapor Extraction Well
- MW13A,B,C — Vadose Zone Vapor Extraction Well Cluster
- Concrete
- MW1 — Destroyed Soil Vapor Extraction Well
- MW6 — Dual Phase Extraction Well
- Historical Soil Boring
- B33 — Proposed Boring Location

**PROJECT NO.**
031160

**PLATE**
8
RRT: 02/25/14

**TABLE 1**
**CUMULATIVE SOIL ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Sample Name | Well ID | Sample Date | Sample Depth (feet bgs) | TPHg (mg/kg) | TPHd (mg/kg) | TPHmo (mg/kg) | TRPH (mg/kg) | B (mg/kg) | T (mg/kg) | E (mg/kg) | X (mg/kg) | Total Lead (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ATEC Associates, Inc. (ATEC) - Limited Subsurface Investigation - November 21, 1991:** | | | | | | | | | | | | |
| B-1/S-3 | NA | 10/25/91 | 15 | -- | -- | -- | 2,400 | **0.067** | **7.4** | 5.2 | **52** | -- |
| B-1/S-5 | NA | 10/25/91 | 21 | -- | -- | -- | 80 | **0.057** | <0.005 | 0.073 | 0.56 | -- |
| B-2/S-2 | NA | 10/25/91 | 9 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-2/S-3 | NA | 10/25/91 | 13 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-3/S-1 | NA | 10/25/91 | 4 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | 0.0068 | -- |
| B-3/S-2 | NA | 10/25/91 | 9 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-4/S-2 | NA | 10/25/91 | 9 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-4/S-4 | NA | 10/25/91 | 19 | -- | -- | -- | 360 | **0.13** | 0.54 | 1.4 | **10** | -- |
| B-4/S-5 | NA | 10/25/91 | 10 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-5/S-2 | NA | 10/25/91 | 9 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-5/S-3 | NA | 10/25/91 | 13 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| **ATEC Associates, Inc. (ATEC) - Additional Subsurface Investigation - January 21, 1992:** | | | | | | | | | | | | |
| B-6-8 | NA | 12/12/91 | 8 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-6-17 | NA | 12/12/91 | 17 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-6-23 | NA | 12/12/91 | 23 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-6-30 | NA | 12/12/91 | 30 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | 0.050 | -- |
| B-7-6 | NA | 12/12/91 | 6 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-7-11 | NA | 12/12/91 | 11 | -- | -- | -- | 74 | **0.280** | 0.930 | 1.40 | 1.70 | -- |
| B-7-20 | NA | 12/12/91 | 20 | -- | -- | -- | 3.8 | <0.005 | <0.005 | <0.005 | 0.083 | -- |
| B-7-30 | NA | 12/12/91 | 30 | -- | -- | -- | 4.9 | -- | -- | -- | -- | -- |
| B-8-6 | NA | 12/12/91 | 6 | -- | -- | -- | 45 | <0.005 | <0.005 | <0.005 | 0.054 | -- |
| B-8-11 | NA | 12/12/91 | 11 | -- | -- | -- | 580 | **0.110** | 1.10 | 2.50 | 1.30 | -- |
| B-8-21 | NA | 12/12/91 | 21 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-8-30 | NA | 12/12/91 | 30 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | 13.000 | -- |
| B-8-31 | NA | 12/12/91 | 31 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-9-6 | NA | 12/12/91 | 6 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-9-21 | NA | 12/12/91 | 21 | -- | -- | -- | <2.0 | -- | -- | -- | -- | -- |
| B-9-31 | NA | 12/12/91 | 31 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-10-6 | NA | 12/12/91 | 6 | -- | -- | -- | 43 | -- | -- | -- | -- | -- |
| B-10-11 | NA | 12/12/91 | 11 | -- | -- | -- | 480 | **1.90** | 0.780 | 2.20 | **15.00** | -- |
| B-10-20 | NA | 12/12/91 | 20 | -- | -- | -- | 58 | 0.020 | 0.066 | 0.068 | 0.550 | -- |
| B-10-30 | NA | 12/12/91 | 30 | -- | -- | -- | 300 | **0.085** | 2.30 | 1.40 | 7.50 | -- |
| B-11-6 | NA | 12/12/91 | 6 | -- | -- | -- | 4.9 | -- | -- | -- | -- | -- |
| B-11-11 | NA | 12/12/91 | 11 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | <0.005 | -- |
| B-11-20 | NA | 12/12/91 | 20 | -- | -- | -- | <2.0 | -- | -- | -- | -- | -- |
| B-11-30 | NA | 12/12/91 | 30 | -- | -- | -- | <2.0 | <0.005 | <0.005 | <0.005 | 6.700 | -- |
| B-12-6 | NA | 12/12/91 | 6 | -- | -- | -- | 630 | <0.005 | <0.005 | 0.670 | 2.90 | -- |
| B-12-11 | NA | 12/12/91 | 11 | -- | -- | -- | 110 | -- | -- | -- | -- | -- |
| B-12-21 | NA | 12/12/91 | 21 | -- | -- | -- | 410 | **0.920** | 1.20 | 2.10 | 1.30 | -- |
| B-12-31 | NA | 12/12/91 | 31 | -- | -- | -- | 280 | -- | -- | -- | -- | -- |
| B-13-6 | NA | 12/12/91 | 6 | -- | -- | -- | 66 | 0.017 | 0.055 | 0.550 | 3.70 | -- |
| B-13-11 | NA | 12/12/91 | 11 | -- | -- | -- | 170 | -- | -- | -- | -- | -- |
| B-13-21 | NA | 12/12/91 | 21 | -- | -- | -- | 130 | <0.025 | <0.025 | 0.400 | 3.90 | -- |
| B-13-31 | NA | 12/12/91 | 31 | -- | -- | -- | <10 | -- | -- | -- | -- | -- |
| **ATEC Associates, Inc. (ATEC) - Supplemental Subsurface Investigation - Feburary 10, 1992:** | | | | | | | | | | | | |
| B14-29 | NA | 01/29/92 | 29 | <10 | <10 | -- | <10 | <0.05 | <0.05 | <0.05 | 0.08 | -- |
| B14-34 | NA | 01/29/92 | 34 | <10 | <10 | -- | <10 | <0.05 | <0.05 | <0.05 | <0.05 | -- |
| B14-39 | NA | 01/29/92 | 39 | <10 | <10 | -- | <10 | <0.05 | <0.05 | <0.05 | <0.05 | -- |
| B15-29 | NA | 01/29/92 | 29 | <10 | <10 | -- | <10 | **0.19** | 0.16 | <0.05 | 0.15 | -- |
| B15-34 | NA | 01/29/92 | 34 | **1,040** | <10 | -- | 522 | **11.8** | **43.9** | -- | **89.8** | -- |
| B15-34DUP | NA | 01/29/92 | 34 | **920** | <10 | -- | 486 | -- | -- | -- | -- | -- |
| B15-39 | NA | 01/29/92 | 39 | <10 | <10 | -- | <10 | **0.19** | 0.22 | <0.05 | 0.22 | -- |
| B16-24 | MW1 | 01/29/92 | 24 | **465** | <10 | -- | -- | -- | -- | -- | -- | -- |
| B16-29 | MW1 | 01/29/92 | 29 | **134** | <10 | -- | -- | -- | -- | -- | -- | -- |
| B16-34 | MW1 | 01/29/92 | 34 | **62** | <10 | -- | -- | **1.02** | 2.47 | 1.09 | 6.59 | -- |
| B16-39 | MW1 | 01/29/92 | 39 | <10 | <10 | -- | <10 | **0.2** | 0.23 | <0.05 | 0.25 | -- |
| B17-10 | NA | 01/29/92 | 10 | <10 | <10 | -- | -- | <0.05 | <0.05 | <0.05 | <0.05 | -- |
| B17-15 | NA | 01/29/92 | 15 | <10 | <10 | -- | -- | <0.05 | <0.05 | <0.05 | <0.05 | -- |
| **Kleinfelder, Inc. (Kleinfelder) - Subsurface Exploration Draft Report - May 20, 1992:** | | | | | | | | | | | | |
| MW0204022A | MW2 | 04/02/92 | 12.5 | **120** | <50 | <100 | -- | <0.050 | <0.10 | 0.52 | 5 | <7.5 |
| MW0204022B | MW2 | 04/02/92 | 17.5 | **31** | <50 | <100 | -- | <0.050 | <0.10 | 0.1 | 1.1 | <7.5 |
| MW0204022C | MW2 | 04/02/92 | 22.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0204022D | MW2 | 04/02/92 | 27.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0204022E | MW2 | 04/02/92 | 32.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0204022F | MW2 | 04/02/92 | 37.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MTCA Method A Cleanup Levels | | | | 30/100[a] | 2,000 | 2,000 | NA | 0.03 | 7 | 6 | 9 | 250 |

Continued on page 2

**TABLE 1**
**CUMULATIVE SOIL ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue , Washington


| Sample Name | Well ID | Sample Date | Sample Depth (feet bgs) | TPHg (mg/kg) | TPHd (mg/kg) | TPHmo (mg/kg) | TRPH (mg/kg) | B (mg/kg) | T (mg/kg) | E (mg/kg) | X (mg/kg) | Total Lead (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Kleinfelder Inc. (Kleinfelder) - Subsurface Exploration Draft Report - May 20, 1992 (continued):** | | | | | | | | | | | | |
| MW0304032F | MW3 | 04/02/92 | 37.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0304032G | MW3 | 04/02/92 | 41.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0304032H | MW3 | 04/02/92 | 47.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0304032I | MW3 | 04/02/92 | 52.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0404062C | MW4 | 04/06/92 | 22.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0404062E | MW4 | 04/06/92 | 32.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0404062F | MW4 | 04/06/92 | 42.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0404062G | MW4 | 04/06/92 | 47.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0504072A | MW5 | 04/07/92 | 37.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0504072B | MW5 | 04/07/92 | 41.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0504072Z[b] | MW5 | 04/07/92 | 41.5 | <20 | <50 | <100 | -- | <0.050 | <0.10 | <0.10 | <0.10 | -- |
| MW0504072C | MW5 | 04/07/92 | 47.5 | 1.4 | <50 | <100 | -- | **0.12** | <0.10 | 0.27 | 0.18 | -- |
| MW0504072D | MW5 | 04/07/92 | 52.5 | -- | <50 | <100 | -- | **0.097** | <0.10 | 0.27 | 0.19 | -- |
| **Kleinfelder Inc. (Kleinfelder) - Additional Subsurface Exploration - November 6, 1992:** | | | | | | | | | | | | |
| MW0608032C | MW6 | 08/03/92 | 15 | <20 | <50 | <100 | -- | <0.050 | <0.050 | <0.050 | <.10 | -- |
| MW0608032F | MW6 | 08/03/92 | 30 | <20 | <50 | <100 | -- | <0.050 | <0.050 | <0.050 | <.10 | -- |
| MW0508032L | MW6 | 08/03/92 | 60 | <20 | <50 | <100 | -- | <0.050 | <0.050 | <0.050 | <.10 | -- |
| MW0608032M[b] | MW6 | 08/03/92 | 60 | <20 | <50 | <100 | -- | <0.050 | 0.06 | <0.050 | <.10 | -- |
| MW0708032B | MW7 | 08/03/92 | 10 | <20 | <50 | <100 | -- | <0.050 | <0.050 | <0.050 | <.10 | -- |
| MW0708032F | MW7 | 08/03/92 | 30 | <20 | <50 | <100 | -- | <0.050 | 0.055 | <0.050 | 0.21 | -- |
| MW0708032J | MW7 | 08/03/92 | 50 | <20 | <50 | <100 | -- | <0.050 | <0.050 | <0.050 | <.10 | -- |
| MW0808042C | MW8 | 08/04/92 | 14 | <20 | <50 | <100 | -- | <0.050 | 0.071 | 0.081 | 0.42 | -- |
| MW0808042C | MW8 | 08/04/92 | 29 | <20 | <50 | <100 | -- | <0.050 | <0.050 | <0.050 | <.10 | -- |
| MW0908042A | MW9 | 08/04/92 | 5 | <20 | <50 | <100 | -- | <0.050 | <0.050 | <0.050 | <.10 | -- |
| MW0908042E | MW9 | 08/04/92 | 25 | <20 | <50 | <100 | -- | <0.050 | <0.050 | <0.050 | <.10 | -- |
| MW0908042K | MW9 | 08/04/92 | 55 | <20 | <50 | <100 | -- | <0.050 | <0.050 | <0.050 | <.10 | -- |
| **Kleinfelder Inc. (Kleinfelder) - Supplemental Subsurface Exploration - November 29, 1994:** | | | | | | | | | | | | |
| MW-10-25 | MW10 | 09/15/94 | 25 | <1.0 | -- | -- | -- | <0.050 | <0.050 | <0.050 | <0.10 | -- |
| MW-10-40 | MW10 | 09/15/94 | 40 | <1.0 | -- | -- | -- | <0.050 | <0.050 | <0.050 | <0.10 | -- |
| MW-10-60 | MW10 | 09/15/94 | 60 | <1.0 | -- | -- | -- | <0.050 | <0.050 | <0.050 | <0.10 | -- |
| MW-11-10 | MW11 | 09/15/94 | 10 | **1,200** | -- | -- | -- | <0.40 | **29** | **22** | **150** | -- |
| MW-11-32 | MW11 | 09/15/94 | 32 | <1.0 | -- | -- | -- | <0.050 | <0.050 | <0.050 | <0.10 | -- |
| MW-11-40 | MW11 | 09/15/94 | 40 | <1.0 | -- | -- | -- | <0.050 | <0.050 | <0.050 | <0.10 | -- |
| MW-12-50 | MW12 | 10/14/94 | 50 | <1.0 | -- | -- | -- | <0.050 | <0.050 | <0.050 | <0.10 | -- |
| MW-12-60 | MW12 | 10/14/94 | 60 | <1.0 | -- | -- | -- | <0.050 | <0.050 | <0.050 | <0.10 | -- |
| B-18-25 | NA | 09/16/94 | 25 | <1.0 | -- | -- | -- | <0.050 | <0.050 | <0.050 | <0.10 | -- |
| B-18-40 | NA | 09/16/94 | 40 | <1.0 | -- | -- | -- | <0.050 | <0.050 | <0.050 | <0.10 | -- |
| B-18-52 | NA | 09/16/94 | 52 | 2.6 | -- | -- | -- | <0.050 | <0.050 | <0.050 | <0.10 | -- |
| **Kleinfelder Inc. (Kleinfelder) - Well Abandoment, VES Well Instailation and Pneumatic Fracturing Report - January 22, 1996:** | | | | | | | | | | | | |
| MW13-5-06225 | MW13 | 06/22/95 | 5 | <2.0 | -- | -- | -- | <0.013 | <0.013 | <0.013 | 0.016 | |
| MW13-16-06225 | MW13 | 06/22/95 | 16 | **120** | -- | -- | -- | **0.360** | <0.050 | 0.140 | 1.80 | |
| MW13-Cuttings @17 | MW13 | 06/22/95 | 17 | **54** | -- | -- | -- | **0.260** | 0.097 | 0.560 | **9.9** | |
| MW13-20-6225 | MW13 | 06/22/95 | 20 | **560** | -- | -- | -- | **1.20** | **9.10** | 5.70 | **50.0** | |
| MW13-25-6225 | MW13 | 06/22/95 | 25 | **500** | -- | -- | -- | **1.20** | 3.30 | 4.50 | **32.0** | |
| MW13-30-6225 | MW13 | 06/22/95 | 30 | **58** | -- | -- | -- | **0.130** | 0.280 | 0.470 | 3.30 | |
| MW13-35-6225 | MW13 | 06/22/95 | 35 | **310** | -- | -- | -- | **0.220** | 1.00 | 2.40 | **17.0** | |
| MW13-38-6225 | MW13 | 06/22/95 | 38 | <2.0 | -- | -- | -- | <0.013 | 0.026 | <0.013 | 0.034 | |
| **Environmental Resolutions, Inc. (ERI) - Groundwater Monitoring/Soil Vapor Extraction Well Installation Report - December 6, 2005:** | | | | | | | | | | | | |
| S-15-B18 | SVE5 | 06/28/05 | 15 | 55.9 | <4.18 | <4.18 | -- | <0.0235 | <0.235 | <0.235 | 0.469 | -- |
| S-20-B18 | SVE5 | 06/28/05 | 20 | <52.6 | <4.26 | <4.26 | -- | <0.0316 | <0.316 | <0.316 | 0.778 | -- |
| S-20-B19 | MW14 | 06/28/05 | 20 | **1,660** | 4.81 | <4.38 | -- | **12.4** | **61.2** | **18.1** | **144** | 4.02 |
| S-45-B19 | MW14 | 06/28/05 | 45 | <57.3 | <4.58 | <4.58 | -- | <0.0306 | <0.306 | <0.306 | <0.306 | -- |
| S-15-B20 | SVE6 | 06/28/05 | 15 | **595** | <4.27 | <4.27 | -- | **3.86** | **7.44** | 5.17 | **62.6** | 3.80 |
| S-30-B20 | SVE6 | 06/28/05 | 30 | **1,400** | <4.37 | <4.37 | -- | **14.5** | **58.6** | **16.6** | **101** | -- |
| S-40-B20 | SVE6 | 06/28/05 | 40 | <55.4 | <4.40 | <4.40 | -- | <0.0248 | <0.248 | <0.248 | <0.248 | -- |
| S-25-B22 | SVE7 | 06/28/05 | 25 | **782** | <4.26 | <4.26 | -- | **6.59** | **33.2** | **10.3** | **62.0** | -- |
| S-30-B22 | SVE7 | 06/28/05 | 30 | **339** | <4.25 | <4.25 | -- | **3.94** | **12.8** | 4.18 | **25.8** | -- |
| **Environmental Resolutions, Inc. (ERI) - Monitoring and Air Sparge Well Installation Report - August 31, 2007:** | | | | | | | | | | | | |
| B23-25' | MW15 | 07/12/07 | 25 | <4.79 | <4.06 | <3.99 | -- | <0.0282 | <0.0938 | <0.0938 | <0.235 | 1.72 |
| B23-50' | MW15 | 07/12/07 | 50 | <4.64 | <3.99 | <3.99 | -- | <0.0268 | <0.0892 | <0.0892 | <0.223 | -- |
| B23-65' | MW15 | 07/12/07 | 65 | <5.60 | <4.58 | <4.58 | -- | <0.0311 | <0.104 | <0.104 | <0.259 | -- |
| MTCA Method A Cleanup Levels | | | | 30/100[a] | 2,000 | 2,000 | | 0.03 | 7 | 6 | 9 | 250 |

Continued on page 3

**TABLE 1**
**CUMULATIVE SOIL ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue , Washington


| Sample Name | Well ID | Sample Date | Sample Depth (feet bgs) | TPHg (mg/kg) | TPHd (mg/kg) | TPHmo (mg/kg) | TRPH (mg/kg) | B (mg/kg) | T (mg/kg) | E (mg/kg) | X (mg/kg) | Total Lead (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Environmental Resolutions, Inc. (ERI) - Monitoring and Air Sparge Well Installation Report - August 31, 2007 (continued):** | | | | | | | | | | | | |
| B24-20' | AS1 | 07/18/07 | 20 | <5.17 | <4.19 | <4.19 | -- | <0.0293 | 0.220 | 0.152 | 0.859 | -- |
| B24-35' | AS1 | 07/18/07 | 35 | <4.75 | <4.25 | <4.25 | -- | <0.0273 | <0.0911 | <0.0911 | <0.228 | -- |
| B24-45' | AS1 | 07/18/07 | 45 | <5.40 | <4.33 | <4.33 | -- | <0.0312 | <0.104 | <0.104 | <0.260 | -- |
| B24-57' | AS1 | 07/18/07 | 57 | <5.74 | <4.79 | <4.79 | -- | <0.0328 | <0.109 | <0.109 | <0.273 | -- |
| B25-25' | AS2 | 07/18/07 | 25 | <4.97 | <4.25 | <4.25 | -- | <0.0286 | <0.0953 | <0.0952 | <0.238 | -- |
| B25-45' | AS2 | 07/18/07 | 45 | <4.93 | <4.30 | <4.30 | -- | <0.0293 | <0.0977 | <0.0977 | <0.244 | -- |
| B25-57' | AS2 | 07/18/07 | 57 | <5.77 | <4.77 | <4.77 | -- | <0.0341 | <0.114 | <0.114 | <0.284 | -- |
| B26-25' | AS3 | 07/12/07 | 25 | <4.57 | <4.17 | <4.17 | -- | <0.0269 | <0.0898 | <0.0898 | <0.224 | 1.99 |
| B26-30' | AS3 | 07/12/07 | 30 | <5.31 | <4.14 | <4.14 | -- | <0.0303 | <0.101 | <0.101 | <0.253 | -- |
| B26-45' | AS3 | 07/12/07 | 45 | <5.73 | 4.53 | <4.49 | -- | <0.0386 | <0.129 | <0.129 | <0.321 | -- |
| B26-57' | AS3 | 07/12/07 | 57 | <5.54 | <4.60 | <4.60 | -- | <0.0335 | <0.112 | <0.112 | <0.279 | -- |
| MTCA Method A Cleanup Levels | | | | 30/100[a] | 2,000 | 2,000 | | 0.03 | 7 | 6 | 9 | 250 |

**EXPLANATION:**
feet bgs = feet below ground surface
mg/kg = milligram per kilogram
TPHg = Total Petroleum Hydrocarbons as Gasoline in accordance with Ecology Method NWTPH-Gx, WPTH-G, EPA TPH-HCID, or 3550/8015 modified, see laboratory reports for details
TPHd and TPHmo = Total Petroleum Hydrocarbons as Diesel and as Oil, respectively, in accordance with Ecology Method WTPH-D, WTPH-418.1, EPA TPH-HCID, or NWTPH-Dx, see laboratory reports for details.
TRPH = Total Recoverable Petroleum Hydrocarbons in accordance with EPA Method 418.1
NA = No well identification
-- = Not analyzed or sampled
< = Less than the stated laboratory reporting limit
B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes
BTEX = Aromatic compounds in accordance with EPA Method 8021B, 8260B, or 8020, see laboratory report for details
Total Pb = Total Lead in accordance with Ecology Method 6010B
Shaded values equal or exceed MTCA Method A Cleanup Levels
a = TPHg soil cleanup level is 30 mg/kg unless benzene is not detected in the sample, or if toluene, ethylbenzene, and total xylenes constitute less than 1% of the TPHg present in the samples. If these conditions are met, the cleanup level for TPHg may be elevated to 100 mg/kg.
b = Blind duplicate

# TABLE 2
## GROUNDWATER MONITORING AND SAMPLING SCHEDULE AND WELL CONSTRUCTION DETAILS
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Well Activity | Frequency of Gauging | Frequency of Sampling | Date of Installation | Wellhead Elevation (feet) | Screened Interval (feet bgs) | Total Well Depth (feet bgs) | Casing/Borehole Diameter (inches) | Slot Size (inches) |
|---|---|---|---|---|---|---|---|---|---|
| MW2 | G | Quarterly | Quarterly | April 2, 1992 | 328.06 | 20-40 | 40 | --/-- | -- |
| MW3 | G | Quarterly | Quarterly | April 2, 1992 | NE | 44-59 | 60 | --/-- | -- |
| MW4 | G | Quarterly | Quarterly | April 6, 1992 | 327.00 | 46-60 | 60 | --/-- | -- |
| MW5 | G | Quarterly | Quarterly | April 7, 1992 | 327.70 | 45-60 | 60 | --/-- | -- |
| MW6 | G | Quarterly | Quarterly | August 3, 1992 | 328.00 | 45-60 | 60 | 4/10 | 0.020 |
| MW7 | G | Quarterly | Quarterly | August 3, 1992 | NE | 45-60 | 60 | 4/10 | 0.020 |
| MW8 | G | Quarterly | Quarterly | August 4, 1992 | 328.07 | 45-60 | 60 | 4/10 | 0.020 |
| MW9 | G | Quarterly | Quarterly | August 4, 1992 | 327.78 | 45-60 | 60 | 4/10 | 0.020 |
| MW10 | G | NM | NS | September 15, 1994 | NE | 50-65 | 65.5 | 4/12 | 0.020 |
| MW11 | G | Quarterly | Quarterly | September 15, 1994 | 327.41 | 10-40 | 40 | 4/12 | 0.020 |
| MW12 | G | NM | NS | October 14, 1994 | 330.05 | 50-65 | 65.5 | 4/12 | 0.020 |
| MW13A | G | Quarterly | Quarterly | June 23, 1995 | 327.43 | 30-38 | 38 | 2/10 | 0.020 |
| MW13B | G | Quarterly | Quarterly | June 23, 1995 | 327.45 | 19-26 | 26 | 2/10 | 0.020 |
| MW13C | G | Quarterly | Quarterly | June 23, 1995 | 327.48 | 5-15 | 15 | 2/10 | 0.020 |
| MW14 | G | Quarterly | Quarterly | June 26, 2005 | 328.66 | 35-60 | 60.5 | 2/8 | 0.010 |
| MW15 | G | NM | NS | July 12, 2007 | 331.33 | 45-65 | 65 | 2/8 | 0.010 |
| SVE5 | P | Quarterly | Quarterly | June 28, 2005 | 327.79 | 10-20 | 20 | 2/8 | 0.010 |
| SVE6 | P | Quarterly | Quarterly | June 28, 2005 | 327.90 | 10-40 | 40 | 2/8 | 0.010 |
| SVE7 | P | Quarterly | Quarterly | June 28, 2005 | 327.46 | 10-30 | 31 | 2/8 | 0.010 |

EXPLANATION:

feet bgs = feet below ground surface

G = Gauged Only

P = Purge

-- = Not Available

NE = Not Established

Wellhead elevations were resurveyed on 02/22/11 by Cardno WRG using NAVD 88

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Screened Interval 5-38 ft bgs \ Total Depth 38 ft bgs | | | | | | | | | | | | | | |
| MW1 | 04/02/92 | 323.88 | 30.00 | **0.24** | 294.07 | **NAPL Present** | | | | | | | | |
| MW1 | 04/03/92 | 323.88 | 30.00 | 0.00 | 293.88 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW1 | 04/09/92 | 323.88 | 32.55 | 0.00 | 291.33 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW1 | 08/10/92 | 323.88 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW1 | 03/07/94 | 323.88 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW1 | 10/19/94 | 323.88 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Destroyed | | | | | | | | | | | | | |
| Screened Interval 20-40 ft bgs \ Total Depth 40 ft bgs | | | | | | | | | | | | | | |
| MW2 | 04/09/92 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 08/10/92 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/07/94 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 10/19/94 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/21/95 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 12/16/95 | 324.12 | 31.82 | 0.00 | 292.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/15/96 | 324.12 | 28.00 | 0.00 | 296.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/19/96 | 324.12 | 35.33 | 0.00 | 288.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 12/23/96 | 324.12 | 31.85 | 0.00 | 292.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/03/97 | 324.12 | 32.09 | 0.00 | 292.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/23/97 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/23/97 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 12/22/97 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/17/98 | 324.12 | 40.90 | 0.00 | 283.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 04/21/98 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 05/20/98 | 324.12 | 39.85 | 0.00 | 284.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/25/98 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/14/98 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 12/22/98 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/09/99 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 05/27/99 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/07/99 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 11/19/99 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/22/00 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 10/30/01 | 324.12 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 04/29/02 | 324.12 | 39.95 | 0.00 | 284.17 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 02/19/03 | 324.12 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW2 | 02/29/04 c | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 10/12/04 c | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 01/28/05 c | 324.12 | 39.91 | 0.00 | 284.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 07/08/05 c | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 01/25/06 c | 324.12 | 38.92 | 0.00 | 285.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 07/27/06 c | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/29/07 c | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/20/07 c | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/13/07 c | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 11/30/07 | 324.12 | 39.95 | 0.00 | 284.17 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 02/28/08 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/20/08 | 324.12 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/03/08 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 11/03/08 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/03/09 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 05/21/09 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 08/05/09 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 11/23/09 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/22/10 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/16/10 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/02/10 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 10/20/10 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 01/31/11 | 324.12 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 05/25/11 f | 328.06 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 09/01/11 | 328.06 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 12/29/11 | 328.06 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/14/12 | 328.06 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/19/13 | 328.06 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 06/17/13 | 328.06 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 10/30/13 | 328.06 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW2 | 03/06/14 | 328.06 | 39.94 | 0.00 | 288.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Screened Interval 44-59 ft bgs \ Total Depth 60 ft bgs | | | | | | | | | | | | | |
| MW3 | 04/09/92 | 324.14 | 48.48 | 0.00 | 275.66 | 670 | -- | -- | **23** | 9.8 | 0.98 | 4.9 | **22** | -- |
| MW3 | 08/10/92 | 324.14 | 48.96 | 0.00 | 275.18 | <50 | -- | -- | 4.5 | 1.1 | <0.5 | <1.0 | -- | -- |
| MW3 | 03/07/94 | 324.14 | 51.19 | 0.00 | 272.95 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW3 | 10/19/94 | 324.14 | 51.48 | 0.00 | 272.66 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW3 | 06/21/95 | 324.14 | 50.22 | 0.00 | 273.92 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW3 | 12/16/95 | 324.14 | 50.52 | 0.00 | 273.62 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 03/15/96 | 324.14 | 48.71 | 0.00 | 275.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 06/19/96 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 10/03/96 | 324.14 | 47.36 | 0.00 | 276.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 12/23/96 | 324.14 | 47.53 | 0.00 | 276.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 03/03/97 | 324.14 | 45.76 | 0.00 | 278.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 06/23/97 | 324.14 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 09/23/97 | 324.14 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 12/22/97 | 324.14 | 45.13 | 0.00 | 279.01 | 61.2 | -- | -- | **16.3** | 3.39 | 0.652 | 3.44 | <2.0 | -- |
| MW3 | 03/17/98 | 324.14 | 45.55 | 0.00 | 278.59 | <50 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | <39 | -- |
| MW3 | 04/21/98 | 324.14 | 44.44 | 0.00 | 279.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 05/20/98 | 324.14 | 44.80 | 0.00 | 279.34 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 06/25/98 | 324.14 | 47.02 | 0.00 | 277.12 | <50 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | <3.4 | -- |
| MW3 | 09/14/98 | 324.14 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 12/22/98 | 324.14 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 03/09/99 | 324.14 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 05/27/99 | 324.14 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 09/07/99 | 324.14 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 11/19/99 | 324.14 | 46.21 | 0.00 | 277.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 06/22/00 | 324.14 | 46.47 | 0.00 | 277.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 10/30/01 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 04/29/02 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 02/19/03 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 02/29/04 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 10/12/04 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 01/28/05 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 07/08/05 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 01/25/06 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 07/27/06 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 03/29/07 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 06/20/07 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 09/13/07 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 11/30/07 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 02/28/08 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 06/20/08 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 09/03/08 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW3 | 11/03/08 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 03/03/09 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 05/21/09 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 08/05/09 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 11/23/09 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 03/22/10 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 06/16/10 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 09/02/10 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 10/20/10 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 01/31/11 | 324.14 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 05/25/11 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 09/01/11 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 12/29/11 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 06/14/12 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 03/19/13 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 06/17/13 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 10/30/13 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW3 | 03/06/14 h | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Screened Interval 46-60 ft bgs \ Total Depth 60 ft bgs | | | | | | | | | | | | | |
| MW4 | 04/09/92 | 323.28 | 47.68 | 0.00 | 275.60 | **1,300** | -- | -- | **21** | 10 | 1.5 | 8.1 | 6.8 | -- |
| MW4 | 08/10/92 | 323.28 | 48.14 | 0.00 | 275.14 | 59 | -- | -- | 4.6 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW4 | 03/08/94 | 323.28 | 50.30 | 0.00 | 272.98 | <50 | -- | -- | 1.3 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW4 | 10/19/94 | 323.28 | 50.66 | 0.00 | 272.62 | <50 | -- | -- | 1.7 | 2.5 | <0.5 | 2.4 | -- | -- |
| MW4 | 06/21/95 | 323.28 | 49.40 | 0.00 | 273.88 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW4 | 09/20/95 | 323.28 | 49.41 | 0.00 | 273.87 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW4 | 12/16/95 | 323.28 | 49.80 | 0.00 | 273.48 | <50 | -- | -- | 1.2 | 6.4 | 0.94 | 6.7 | -- | -- |
| MW4 | 03/14/96 | 323.28 | 48.06 | 0.00 | 275.22 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW4 | 06/19/96 | 323.28 | 46.39 | 0.00 | 276.89 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW4 | 10/03/96 | 323.28 | 46.67 | 0.00 | 276.61 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW4 | 12/23/96 | 323.28 | 47.12 | 0.00 | 276.16 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW4 | 03/03/97 | 323.28 | 45.28 | 0.00 | 278.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 06/23/97 | 323.28 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 09/23/97 | 323.28 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 12/22/97 | 323.28 | 44.92 | 0.00 | 278.36 | <50 | -- | -- | **11.7** | 2.84 | 0.531 | 3.41 | <2.0 | -- |
| MW4 | 03/17/98 | 323.28 | 44.95 | 0.00 | 278.33 | <50 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | <39 | -- |
| MW4 | 04/21/98 | 323.28 | 43.85 | 0.00 | 279.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW4 | 05/20/98 | 323.28 | 43.85 | 0.00 | 279.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 06/25/98 | 323.28 | 44.32 | 0.00 | 278.96 | <50 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | <3.4 | -- |
| MW4 | 09/14/98 | 323.28 | 46.27 | 0.00 | 277.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 12/22/98 | 323.28 | 45.81 | 0.00 | 277.47 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 03/09/99 | 323.28 | 45.55 | 0.00 | 277.73 | <48 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | <6.5 | -- |
| MW4 | 05/27/99 | 323.28 | 44.27 | 0.00 | 279.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 09/07/99 | 323.28 | 44.61 | 0.00 | 278.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 11/19/99 | 323.28 | 45.67 | 0.00 | 277.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 06/22/00 | 323.28 | 45.55 | 0.00 | 277.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 10/30/01 | 323.28 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 04/29/02 | 323.28 | 47.63 | 0.00 | 275.65 | <100 | -- | -- | 2.5 | 2.7 | <1.0 | 4.2 | -- | -- |
| MW4 | 02/19/03 | 323.28 | 48.77 | 0.00 | 274.51 | <100 | -- | -- | <1.0 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW4 | 02/29/04 | 323.28 | 48.78 | 0.00 | 274.50 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW4 | 10/12/04 | 323.28 | 48.86 | 0.00 | 274.42 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW4 | 01/28/05 | 323.28 | 49.18 | 0.00 | 274.10 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW4 | 07/08/05 | 323.28 | 48.79 | 0.00 | 274.49 | <100 | -- | -- | <1.00 | 1.7 | <1.0 | 8.2 | -- | -- |
| MW4 | 01/25/06 | 323.28 | 50.38 | 0.00 | 272.90 | <100 | -- | -- | <1.00 | <1.00 | <1.00 | <3.00 | -- | -- |
| MW4 | 07/27/06 | 323.28 | 47.76 | 0.00 | 275.52 | <100 | -- | -- | <1.00 | <1.00 | <1.00 | <3.00 | -- | -- |
| MW4 | 03/29/07 | 323.28 | 47.26 | 0.00 | 276.02 | <100 | <111 | 115 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW4 | 06/20/07 | 323.28 | 46.74 | 0.00 | 276.54 | <100 | <100 | 142 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW4 | 09/13/07 | 323.28 | 47.38 | 0.00 | 275.90 | <250 | <100 | <100 | <1.00 | 1.61 | <1.00 | <3.00 | 5.67 | <5.00 |
| MW4 | 11/30/07 | 323.28 | 47.96 | 0.00 | 275.32 | <250 | <99.0 | <99.0 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW4 | 02/28/08 | 323.28 | 48.22 | 0.00 | 275.06 | <100 | <98.0 | 131 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW4 | 06/20/08 | 323.28 | 47.91 | 0.00 | 275.37 | <100 | <105 | <105 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW4 | 09/03/08 | 323.28 | 48.39 | 0.00 | 274.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 11/03/08 | 323.28 | 48.35 | 0.00 | 274.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 03/03/09 | 323.28 | 48.59 | 0.00 | 274.69 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 05/21/09 | 323.28 | 48.24 | 0.00 | 275.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 08/05/09 | 323.28 | 48.56 | 0.00 | 274.72 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 11/23/09 | 323.28 | 49.35 | 0.00 | 273.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 03/22/10 | 323.28 | 48.77 | 0.00 | 274.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 06/16/10 | 323.28 | 47.72 | 0.00 | 275.56 | <100 | <95.2 | <95.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW4 | 09/02/10 | 323.28 | 47.59 | 0.00 | 275.69 | <100 | <95.2 | <95.2 | <1.00 | <1.00 | <1.00 | <3.00 | 5.90 | <5.00 |
| MW4 | 10/20/10 | 323.28 | 49.79 | 0.00 | 273.49 | <100 | <106 | <106 | <1.00 | <1.00 | <1.00 | <3.00 | **20.3** | <5.00 |
| MW4 | 01/31/11 | 323.28 | 47.72 | 0.00 | 275.56 | <100 | <100 | <100 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW4 | 05/25/11 f | 327.00 | 46.77 | 0.00 | 280.23 | <100 | <95.2 | <95.2 | <1.00 | <1.00 | <1.00 | <3.00 | 9.10 | <5.00 |
| MW4 | 09/01/11 | 327.00 | 46.41 | 0.00 | 280.59 | <100 | <95.2 | <238 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

# TABLE 3
## CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW4 | 12/29/11 | 327.00 | 47.58 | 0.00 | 279.42 | <100 | <96.2 | <240 | <1.00 | <1.00 | <1.00 | <3.00 | **38.5** | <5.00 |
| MW4 | 06/14/12 | 327.00 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 03/19/13 | 327.00 | 46.16 | 0.00 | 280.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 06/17/13 | 327.00 | 45.75 | 0.00 | 281.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW4 | 10/30/13 | 327.00 | 46.92 | 0.00 | 280.08 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <2.00 | 11.0 | <5.00 |
| MW4 | 03/06/14 | 327.00 | 47.66 | 0.00 | 279.34 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <3.00 | 10.2 | 7.80 |
| | Screened Interval 45-60 ft bgs \ Total Depth 60 ft bgs | | | | | | | | | | | | | |
| MW5 | 04/09/92 | 324.37 | 48.55 | 0.00 | 275.82 | **110,000** | -- | -- | **13,000** | **25,000** | **2,300** | **13,000** | **220** | -- |
| MW5 | 08/10/92 | 324.37 | 49.24 | 0.00 | 275.13 | **72,000** | -- | -- | **9,600** | **15,000** | **1,300** | **8,600** | -- | -- |
| MW5 | 03/08/94 | 324.37 | 51.45 | 0.00 | 272.92 | **74,000** | -- | -- | **11,000** | **13,000** | **1,400** | **10,000** | -- | -- |
| MW5 | 10/19/94 | 324.37 | 51.79 | 0.00 | 272.58 | **30,000** | -- | -- | **4,800** | 640 | **3,600** | **5,700** | -- | -- |
| MW5 | 06/21/95 | 324.37 | 50.03 | 0.00 | 274.34 | **4,100** | -- | -- | **180** | 19 | 13 | 500 | -- | -- |
| MW5 | 09/20/95 | 324.37 | 49.75 | 0.00 | 274.62 | 380 | -- | -- | **13** | 2.5 | 1.7 | 32 | -- | -- |
| MW5 | 12/16/95 | 324.37 | 49.30 | 0.00 | 275.07 | **910** | -- | -- | **12** | 2.8 | 7.7 | 82 | -- | -- |
| MW5 | 03/14/96 | 324.37 | 47.87 | 0.00 | 276.50 | **9,700** | -- | -- | **34** | 19 | 17 | 370 | -- | -- |
| MW5 | 03/14/96 b | 324.37 | -- | -- | -- | **8,100** | -- | -- | **27** | 17 | 13 | 310 | -- | -- |
| MW5 | 06/19/96 | 324.37 | 47.28 | 0.00 | 277.09 | 634 | -- | -- | 1.63 | <0.5 | <0.5 | 4.37 | -- | -- |
| MW5 | 10/04/96 | 324.37 | 46.94 | 0.00 | 277.43 | **2,600** | -- | -- | **11.4** | 1.15 | 2.69 | 26.9 | -- | -- |
| MW5 | 10/04/96 b | 324.37 | -- | -- | -- | **1,560** | -- | -- | **7.88** | 0.84 | 1.76 | 17.1 | -- | -- |
| MW5 | 12/23/96 | 324.37 | 47.02 | 0.00 | 277.35 | <50 | -- | -- | 0.511 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW5 | 03/03/97 | 324.37 | 44.83 | 0.00 | 279.54 | 101 | -- | -- | 3.21 | <0.5 | 0.746 | <1.0 | -- | -- |
| MW5 | 03/03/97 b | 324.37 | -- | -- | -- | 63.6 | -- | -- | 2.19 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW5 | 06/23/97 | 324.37 | 43.54 | 0.00 | 280.83 | 466 | -- | -- | **167** | 1.07 | <1.0 | <2 | **307** | -- |
| MW5 | 07/23/97 | 324.37 | 43.22 | 0.00 | 281.15 | 171 | -- | -- | **8.73** | <0.5 | <0.5 | <0.1 | -- | -- |
| MW5 | 09/23/97 | 324.37 | 43.38 | 0.00 | 280.99 | <1,000 | -- | -- | **1,020** | <10 | <10 | 88.5 | -- | -- |
| MW5 | 12/22/97 | 324.37 | 44.75 | 0.00 | 279.62 | **1,720** | -- | -- | **1,670** | 15.4 | 10.9 | 227 | **325** | -- |
| MW5 | 03/17/98 | 324.37 | 45.30 | 0.00 | 279.07 | 330 | -- | -- | **400** | 1 | 1 | 1.3 | **120** | -- |
| MW5 | 04/21/98 | 324.37 | 44.28 | 0.00 | 280.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW5 | 05/20/98 | 324.37 | 44.37 | 0.00 | 280.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW5 | 06/25/98 | 324.37 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW5 | 09/22/98 | 324.37 | 46.40 | 0.00 | 277.97 | **830** | -- | -- | **1,000** | 8 | 32 | 28 | **108** | -- |
| MW5 | 12/22/98 | 324.37 | 45.83 | 0.00 | 278.54 | 130 | -- | -- | **44** | 4 | 1 | 1.6 | -- | -- |
| MW5 | 03/09/99 | 324.37 | 45.27 | 0.00 | 279.10 | 120 | -- | -- | **10** | 0.9 | 4 | 0.8 | **129** | -- |
| MW5 | 05/27/99 | 324.37 | 44.78 | 0.00 | 279.59 | 54 | -- | -- | **12** | 1 | <0.2 | <0.2 | **133** | -- |
| MW5 | 09/07/99 | 324.37 | 45.14 | 0.00 | 279.23 | 55 | -- | -- | **120** | 3 | 0.5 | 1.4 | **57** | -- |
| MW5 | 11/19/99 | 324.37 | 45.72 | 0.00 | 278.65 | **1,400** | -- | -- | **1,000** | 170 | 110 | 60 | **53** | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW5 | 05/16/00 | 324.37 | 46.60 | 0.00 | 277.77 | 730 | -- | -- | **380** | 14 | 70 | 30 | **67** | -- |
| MW5 | 10/30/01 | 324.37 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW5 | 04/29/02 | 324.37 | 48.99 | 0.00 | 275.38 | <100 | -- | -- | <1.0 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW5 | 02/19/03 | 324.37 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW5 | 02/29/04 c | 324.37 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW5 | 10/12/04 c | 324.37 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW5 | 01/28/05 c | 324.37 | 58.81 | 0.00 | 265.56 | <100 | -- | -- | 1.80 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW5 | 01/25/06 c | 324.37 | 49.72 | 0.00 | 274.65 | <100 | -- | -- | 1.04 | <1.00 | <1.00 | <3.00 | -- | -- |
| MW5 | 07/27/06 c | 324.37 | 48.28 | 0.00 | 276.09 | <100 | -- | -- | <1.00 | <1.00 | <1.00 | <3.00 | -- | -- |
| MW5 | 03/29/07 c | 324.37 | 47.80 | 0.00 | 276.57 | <100 | <97.1 | <97.1 | <1.00 | <1.00 | <1.00 | <3.00 | **17.1** | 14.5 |
| MW5 | 06/20/07 c | 324.37 | 47.35 | 0.00 | 277.02 | <100 | <96.2 | 158 | <1.00 | <1.00 | <1.00 | <3.00 | 14.1 | 8.62 |
| MW5 | 09/13/07 c | 324.37 | 47.93 | 0.00 | 276.44 | <250 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | 14.5 | 10.0 |
| MW5 | 11/30/07 | 324.37 | 48.54 | 0.00 | 275.83 | <250 | <94.3 | <94.3 | 2.08 | 2.99 | <1.00 | <3.00 | **25.8** | 10.0 |
| MW5 | 02/28/08 | 324.37 | 48.82 | 0.00 | 275.55 | <100 | 110 | 104 | <1.00 | <1.00 | <1.00 | <3.00 | 9.90 | 8.40 |
| MW5 | 06/20/08 | 324.37 | 48.68 | 0.00 | 275.69 | <100 | 141 | <100 | <1.00 | <1.00 | <1.00 | <3.00 | 13.5 | <5.00 |
| MW5 | 09/03/08 | 324.37 | 48.08 | 0.00 | 276.29 | 319 | 233 | 117 | **81.0** | <1.00 | 2.88 | 10.8 | 9.80 | 11.6 |
| MW5 | 11/03/08 | 324.37 | 48.43 | 0.00 | 275.94 | 305 | 336 | 101 | **56.8** | <1.00 | <1.00 | <3.00 | 12.4 | 9.46 |
| MW5 | 03/03/09 | 324.37 | 48.99 | 0.00 | 275.38 | 150 | 113 | <95.2 | 1.80 | <1.00 | <1.00 | <3.00 | 13.6 | 11.1 |
| MW5 | 05/21/09 | 324.37 | 48.72 | 0.00 | 275.65 | <100 | <100 | <100 | <1.00 | <1.00 | <1.00 | <3.00 | **81.7** | <5.00 |
| MW5 | 08/05/09 | 324.37 | 48.77 | 0.00 | 275.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW5 | 11/23/09 | 324.37 | 49.88 | 0.00 | 274.49 | <100 | 115 | <100 | **5.27** | <1.00 | <1.00 | <3.00 | 12.8 | 9.10 |
| MW5 | 03/22/10 d | 324.00 | 48.96 | 0.00 | 275.04 | <100 | <103 | <103 | <1.00 | <1.00 | <1.00 | <3.00 | 9.10 | 6.50 |
| MW5 | 06/16/10 | 324.00 | 48.19 | 0.00 | 275.81 | <100 | <108 | <108 | <1.00 | <1.00 | <1.00 | <3.00 | 7.30 | <5.00 |
| MW5 | 09/02/10 | 324.00 | 47.94 | 0.00 | 276.06 | <100 | 124 | <118 | <1.00 | <1.00 | <1.00 | <3.00 | **22.5** | <5.00 |
| MW5 | 10/20/10 | 324.00 | 48.17 | 0.00 | 275.83 | <100 | 112 | <103 | <1.00 | <1.00 | <1.00 | <3.00 | **28.6** | <5.00 |
| MW5 | 01/31/11 | 324.00 | 48.02 | 0.00 | 275.98 | <100 | <111 | <111 | <1.00 | <1.00 | <1.00 | <3.00 | 7.40 | <5.00 |
| MW5 | 05/25/11 f | 327.70 | 47.23 | 0.00 | 280.47 | <100 | <103 | <103 | <1.00 | <1.00 | <1.00 | <3.00 | 8.40 | <5.00 |
| MW5 | 09/01/11 | 327.70 | 46.07 | 0.00 | 281.63 | <100 | <94.3 | <236 | <1.00 | <1.00 | <1.00 | <3.00 | **166** | <5.00 |
| MW5 | 12/29/11 | 327.70 | 47.09 | 0.00 | 280.61 | <100 | <95.2 | 376 | <1.00 | <1.00 | <1.00 | <3.00 | **128** | <5.00 |
| MW5 | 06/14/12 | 327.70 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW5 | 03/19/13 | 327.70 | 45.61 | 0.00 | 282.09 | <100 | 110 | <95.2 | <1.00 | <1.00 | <1.00 | <3.00 | **23.2** | <5.00 |
| MW5 | 06/17/13 | 327.70 | 45.78 | 0.00 | 281.92 | <100 | 129 | <94.3 | <1.00 | <1.00 | <1.00 | <3.00 | 11.5 | <5.00 |
| MW5 | 10/30/13 | 327.70 | 47.16 | 0.00 | 280.54 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <2.00 | **16.1** | <5.00 |
| MW5 | 03/06/14 | 327.70 | 48.05 | 0.00 | 279.65 | <100 | <94.3 | <94.3 | <1.00 | <1.00 | <1.00 | <3.00 | 12.5 | 8.40 |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Screened Interval 45-60 ft bgs \ Total Depth 60 ft bgs | | | | | | | | | | | | | | |
| MW6 | 08/10/92 | 324.59 | 49.53 | 0.00 | 275.06 | **99,000** | -- | -- | **7,900** | **20,000** | **1,600** | **12,000** | -- | -- |
| MW6 | 03/07/94 | 324.59 | 51.06 | **2.47** | 275.51 | **NAPL Present** | | | | | | | | |
| MW6 | 10/19/94 | 324.59 | 52.04 | **0.10** | 272.63 | **NAPL Present** | | | | | | | | |
| MW6 | 06/21/95 | 324.59 | 50.78 | **0.02** | 273.83 | **NAPL Present** | | | | | | | | |
| MW6 | 09/20/95 | 324.59 | 50.70 | 0.00 | 273.89 | **74,000** | -- | -- | **3,400** | **9,400** | **1,400** | **9,800** | -- | -- |
| MW6 | 12/15/95 | 324.59 | 51.11 | 0.00 | 273.48 | **84,000** | -- | -- | **3,300** | **13,000** | **1,500** | **10,000** | -- | -- |
| MW6 | 03/15/96 | 324.59 | 49.41 | 0.00 | 275.18 | **56,000** | -- | -- | **1,100** | **5,400** | **1,000** | **7,400** | -- | -- |
| MW6 | 06/19/96 | 324.59 | 48.69 | 0.00 | 275.90 | **13,100** | -- | -- | **304** | **1,070** | 180 | **1,590** | -- | -- |
| MW6 | 10/04/96 | 324.59 | 48.07 | 0.00 | 276.52 | **6,170** | -- | -- | **230** | 509 | 108 | 962 | -- | -- |
| MW6 | 12/23/96 | 324.59 | 48.50 | 0.00 | 276.09 | **4,160** | -- | -- | **147** | 451 | 33.7 | 516 | -- | -- |
| MW6 | 03/03/97 | 324.59 | 45.64 | 0.00 | 278.95 | **1,900** | -- | -- | **64.3** | 222 | 42.3 | 284 | -- | -- |
| MW6 | 06/23/97 | 324.59 | 44.28 | 0.00 | 280.31 | 150 | -- | -- | **18.5** | <0.5 | <0.5 | <1.0 | **59.5** | -- |
| MW6 | 09/23/97 | 324.59 | 44.18 | 0.00 | 280.41 | 53.8 | -- | -- | 0.6 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW6 | 12/22/97 | 324.59 | 45.43 | 0.00 | 279.16 | 474 | -- | -- | **35.9** | 18 | 18.9 | 29.8 | **34.5** | -- |
| MW6 | 03/17/98 | 324.59 | 47.05 | 0.00 | 277.54 | **2,700** | -- | -- | **110** | 230 | 94 | 240 | **44** | -- |
| MW6 | 04/21/98 | 324.59 | 45.60 | 0.00 | 278.99 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 05/20/98 | 324.59 | 45.80 | 0.00 | 278.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 06/25/98 | 324.59 | 45.62 | 0.00 | 278.97 | **4,200** | -- | -- | **160** | 560 | 150 | 480 | **24.4** | -- |
| MW6 | 09/22/98 | 324.59 | 48.00 | 0.00 | 276.59 | 31 | -- | -- | **790** | **3,700** | **790** | **3,600** | **56** | -- |
| MW6 | 12/22/98 | 324.59 | 47.40 | 0.00 | 277.19 | **3,700** | -- | -- | **47** | 210 | 110 | 330 | -- | -- |
| MW6 | 03/09/99 | 324.59 | 46.80 | 0.00 | 277.79 | **1,900** | -- | -- | **33** | 160 | 73 | 200 | **15** | -- |
| MW6 | 05/27/99 | 324.59 | 46.45 | 0.00 | 278.14 | 570 | -- | -- | **10** | 28 | 28 | 57 | **21** | -- |
| MW6 | 09/07/99 | 324.59 | 46.82 | 0.00 | 277.77 | **1,800** | -- | -- | **31** | 130 | 99 | 200 | 11 | -- |
| MW6 | 11/19/99 | 324.59 | 47.90 | 0.00 | 276.69 | **1,400** | -- | -- | **28** | 180 | 66 | 180 | **18** | -- |
| MW6 | 05/16/00 | 324.59 | 48.12 | 0.00 | 276.47 | **2,200** | -- | -- | **35** | 170 | 120 | 290 | **37.8** | -- |
| MW6 | 10/30/01 | 324.59 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 04/29/02 | 324.59 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 02/19/03 | 324.59 | 50.16 | 0.00 | 274.43 | **10,900** | -- | -- | **380** | 222 | 606 | **1,800** | -- | -- |
| MW6 | 02/29/04 | 324.59 | 50.01 | 0.00 | 274.58 | **1,360** | -- | -- | **29.6** | 7.1 | 22.8 | 105 | -- | -- |
| MW6 | 10/12/04 | 324.59 | 50.09 | 0.00 | 274.50 | **1,190** | -- | -- | **40.3** | 4.1 | 50.8 | 45.9 | -- | -- |
| MW6 | 01/28/05 | 324.59 | 50.79 | 0.00 | 273.80 | **4,190** | -- | -- | **224** | 22.5 | 234 | 252 | -- | -- |
| MW6 | 07/08/05 | 324.59 | 50.45 | 0.00 | 274.14 | **2,160** | -- | -- | **58.2** | 9.0 | 55.9 | 295 | -- | -- |
| MW6 | 01/25/06 | 324.59 | 50.85 | 0.00 | 273.74 | **10,100** | -- | -- | **261** | 127 | 355 | **1,270** | -- | -- |
| MW6 | 07/27/06 | 324.59 | 49.40 | 0.00 | 275.19 | **1,010** | -- | -- | **27.5** | 2.71 | 66.9 | 32.5 | -- | -- |
| MW6 | 03/29/07 | 324.59 | 48.57 | 0.00 | 276.02 | **1,680** | 285 | <105 | **27.6** | 3.98 | 94.2 | 243 | 11.4 | 13.0 |
| MW6 | 06/20/07 | 324.59 | 48.09 | 0.00 | 276.50 | **1,580** | 216 | <111 | **24.0** | 15.5 | 86.6 | 187 | **21.4** | **16.1** |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW6 | 09/13/07 | 324.59 | 48.68 | 0.00 | 275.91 | <250 | <98.0 | <98.0 | 4.89 | <1.00 | 10.4 | 21.6 | <5.00 | <5.00 |
| MW6 | 11/30/07 | 324.59 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 06/20/08 | 324.59 | 49.36 | 0.00 | 275.23 | **2,520** | 413 | 102 | **38.5** | 11.2 | 98.5 | 250 | 9.58 | <5.00 |
| MW6 | 09/03/08 | 324.59 | 49.88 | 0.00 | 274.71 | **6,320** | **702** | 108 | **86.2** | 109 | 458 | **1,290** | <5.00 | <5.00 |
| MW6 | 11/03/08 | 324.59 | 49.88 | 0.00 | 274.71 | **5,510** | **503** | <111 | **43.1** | 121 | 361 | **1,060** | 9.36 | <5.00 |
| MW6 | 03/03/09 | 324.59 | 49.88 | 0.00 | 274.71 | **6,820** | **586** | <111 | **44.0** | 35.9 | 333 | 981 | <5.00 | <5.00 |
| MW6 | 05/21/09 | 324.59 | 49.63 | 0.00 | 274.96 | **4,200** | **976** | <100 | **28.3** | 11.8 | 160 | 299 | 11.3 | <5.00 |
| MW6 | 08/05/09 | 324.59 | 49.98 | 0.00 | 274.61 | **4,900** | **605** | <99.0 | **50.4** | 25.9 | 431 | **1,350** | 6.80 | <5.00 |
| MW6 | 11/23/09 | 324.59 | 50.71 | 0.00 | 273.88 | **24,500** | **868** | <100 | **59.0** | 38.9 | 386 | **1,600** | 11.1 | 9.40 |
| MW6 | 03/22/10 d | 324.11 | 49.40 | 0.00 | 274.71 | **3,900** | **712** | 335 | **18.5** | 17.3 | 142 | 486 | 9.50 | <5.00 |
| MW6 | 06/16/10 | 324.11 | 48.76 | 0.00 | 275.35 | 269 | <100 | <100 | <1.00 | <1.00 | 4.53 | 12.3 | <5.00 | <5.00 |
| MW6 | 09/02/10 | 324.11 | 48.42 | 0.00 | 275.69 | **2,080** | **788** | <98.0 | **21.9** | 6.53 | 77.3 | 207 | **17.1** | 7.00 |
| MW6 | 10/20/10 | 324.11 | 48.63 | 0.00 | 275.48 | **1,980** | 236 | <101 | **10.3** | 5.89 | 43.2 | 112 | 12.3 | <5.00 |
| MW6 | 01/31/11 | 324.11 | 48.72 | 0.00 | 275.39 | 103 | <111 | <111 | <1.00 | <1.00 | 4.09 | 10.9 | <5.00 | <5.00 |
| MW6 | 05/25/11 f | 328.00 | 47.76 | 0.00 | 280.24 | <100 | <95.2 | <95.2 | <1.00 | <1.00 | 1.30 | <3.00 | 7.20 | <5.00 |
| MW6 | 09/01/11 | 328.00 | 47.11 | 0.00 | 280.89 | 507 | 161 | <245 | <1.00 | <1.00 | 3.06 | <3.00 | **124** | <5.00 |
| MW6 | 12/29/11 | 328.00 | 48.89 | 0.00 | 279.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 06/14/12 | 328.00 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 03/19/13 | 328.00 | 45.95 | 0.00 | 282.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW6 | 06/17/13 | 328.00 | 46.07 | 0.00 | 281.93 | <100 | <94.3 | <94.3 | <1.00 | <1.00 | <1.00 | <3.00 | 6.20 | <5.00 |
| MW6 | 10/30/13 | 328.00 | 47.51 | 0.00 | 280.49 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <2.00 | **236** | <5.00 |
| MW6 | 03/06/14 | 328.00 | 48.37 | 0.00 | 279.63 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <3.00 | 6.80 | <5.00 |
| | Screened Interval 45-60 ft bgs \ Total Depth 60 ft bgs | | | | | | | | | | | | | |
| MW7 | 08/10/92 | 323.94 | 48.83 | 0.00 | 275.11 | **3,400** | -- | -- | **2,300** | 96 | 100 | 700 | -- | -- |
| MW7 | 03/07/94 | 323.94 | 51.06 | 0.00 | 272.88 | <50 | -- | -- | **72** | 1.8 | <0.5 | 2.9 | -- | -- |
| MW7 | 10/19/94 | 323.94 | 51.50 | 0.00 | 272.44 | <50 | -- | -- | 3.1 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW7 | 06/21/95 | 323.94 | 50.06 | 0.00 | 273.88 | <50 | -- | -- | **9.2** | <0.5 | <0.5 | <1.0 | -- | -- |
| MW7 | 09/20/95 | 323.94 | 50.05 | 0.00 | 273.89 | <50 | -- | -- | **11** | <0.5 | <0.5 | <1.0 | -- | -- |
| MW7 | 12/16/95 | 323.94 | 50.38 | 0.00 | 273.56 | <50 | -- | -- | 4 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW7 | 03/14/96 | 323.94 | 48.61 | 0.00 | 275.33 | 100 | -- | -- | **10** | 0.52 | <0.5 | <1.0 | -- | -- |
| MW7 | 06/19/96 | 323.94 | 47.03 | 0.00 | 276.91 | <50 | -- | -- | **5.35** | <0.5 | <0.5 | <1.0 | -- | -- |
| MW7 | 10/04/96 | 323.94 | 47.20 | 0.00 | 276.74 | <50 | -- | -- | 2.42 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW7 | 12/23/96 | 323.94 | 47.68 | 0.00 | 276.26 | <50 | -- | -- | 2.65 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW7 | 03/03/97 | 323.94 | 45.85 | 0.00 | 278.09 | <50 | -- | -- | 1.73 | 0.575 | <0.5 | 1.03 | -- | -- |
| MW7 | 06/23/97 | 323.94 | 43.71 | 0.00 | 280.23 | <80 | -- | -- | **30.5** | <0.5 | <0.5 | <1.0 | **17.9** | -- |
| MW7 | 09/23/97 | 323.94 | 43.61 | 0.00 | 280.33 | 53.5 | -- | -- | **108** | <0.5 | <0.5 | <1.0 | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW7 | 12/22/97 | 323.94 | 46.29 | 0.00 | 277.65 | 63.3 | -- | -- | **31.6** | 3.81 | 0.748 | 5.13 | 10.5 | -- |
| MW7 | 03/17/98 | 323.94 | 45.55 | 0.00 | 278.39 | <50 | -- | -- | **52** | 0.4 | 1 | <0.6 | <39 | -- |
| MW7 | 04/21/98 | 323.94 | 44.41 | 0.00 | 279.53 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 05/20/98 | 323.94 | 44.47 | 0.00 | 279.47 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 06/25/98 | 323.94 | 45.03 | 0.00 | 278.91 | 110 | -- | -- | **120** | 9 | 6 | 8 | 6.5 | -- |
| MW7 | 09/22/98 | 323.94 | 46.26 | 0.00 | 277.68 | 55 | -- | -- | **19** | 2 | 0.5 | 2.7 | **15** | -- |
| MW7 | 12/22/98 | 323.94 | 46.19 | 0.00 | 277.75 | <48 | -- | -- | 1 | 0.4 | <0.2 | <0.6 | -- | -- |
| MW7 | 03/09/99 | 323.94 | 46.12 | 0.00 | 277.82 | <48 | -- | -- | 3 | 0.4 | <0.2 | <0.6 | <6.5 | -- |
| MW7 | 05/27/99 | 323.94 | 44.87 | 0.00 | 279.07 | <48 | -- | -- | **28** | 0.2 | 0.2 | <0.6 | <6.5 | -- |
| MW7 | 09/07/99 | 323.94 | 45.05 | 0.00 | 278.89 | <48 | -- | -- | 3 | 0.8 | <0.2 | 0.6 | <6.5 | -- |
| MW7 | 11/19/99 | 323.94 | 46.26 | 0.00 | 277.68 | <48 | -- | -- | 4 | 1.9 | 0.58 | 1.5 | 14 | -- |
| MW7 | 05/16/00 | 323.94 | 45.95 | 0.00 | 277.99 | <48 | -- | -- | 0.69 | 0.35 | <0.2 | <0.6 | **32.4** | -- |
| MW7 | 10/30/01 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 04/29/02 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 02/19/03 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 02/29/04 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 10/12/04 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 01/28/05 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 07/08/05 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 01/25/06 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 07/27/06 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 03/29/07 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 06/20/07 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 09/13/07 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 11/30/07 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 02/28/08 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 06/20/08 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 09/03/08 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 11/03/08 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 03/03/09 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 05/21/09 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 08/05/09 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 08/05/09 | 323.94 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 03/22/10 d | 324.70 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 06/16/10 | 324.70 | 49.18 | 0.00 | 275.52 | <100 | <105 | <105 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW7 | 09/02/10 | 323.94 | 49.05 | 0.00 | 274.89 | <100 | <111 | <111 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW7 | 10/20/10 | 323.94 | 49.21 | 0.00 | 274.73 | <100 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | 6.30 | <5.00 |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW7 | 01/31/11 | 323.94 | 50.96 | 0.00 | 272.98 | <100 | <100 | <100 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW7 | 05/25/11 | NE | 50.08 | 0.00 | -- | <100 | <114 | <114 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW7 | 09/01/11 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 12/29/11 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 06/14/12 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 03/19/13 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 06/17/13 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 10/30/13 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW7 | 03/06/14 h | NE | Inacessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Screened Interval 45-60 ft bgs \ Total Depth 60 ft bgs | | | | | | | | | | | | | |
| MW8 | 08/10/92 | 324.34 | 49.46 | 0.00 | 274.88 | 370 | -- | -- | **1,300** | 18 | 14 | 25 | -- | -- |
| MW8 | 03/08/94 | 324.34 | 51.69 | 0.00 | 272.65 | 210 | -- | -- | **540** | 3.8 | <2.0 | 2.9 | -- | -- |
| MW8 | 10/19/94 | 324.34 | 51.94 | 0.00 | 272.40 | 260 | -- | -- | **310** | <0.5 | <0.5 | 5.8 | -- | -- |
| MW8 | 06/21/95 | 324.34 | 50.67 | 0.00 | 273.67 | 120 | -- | -- | **270** | <0.5 | <0.5 | 1.4 | -- | -- |
| MW8 | 09/20/95 | 324.34 | 50.64 | 0.00 | 273.70 | 100 | -- | -- | **200** | <0.5 | <0.5 | 2.7 | -- | -- |
| MW8 | 12/16/95 | 324.34 | 51.00 | 0.00 | 273.34 | 240 | -- | -- | **110** | 0.58 | <0.5 | 1.9 | -- | -- |
| MW8 | 12/16/95 b | 324.34 | -- | -- | -- | 260 | -- | -- | **110** | 0.67 | <0.5 | 1.9 | -- | -- |
| MW8 | 03/14/96 | 324.34 | 49.36 | 0.00 | 274.98 | 340 | -- | -- | **45** | <0.5 | <0.5 | 1.5 | -- | -- |
| MW8 | 06/19/96 | 324.34 | 47.73 | 0.00 | 276.61 | 74.8 | -- | -- | **8.52** | <0.5 | <0.5 | <1.0 | -- | -- |
| MW8 | 06/19/96 b | 324.34 | -- | -- | -- | -- | -- | -- | 4.46 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW8 | 10/04/96 | 324.34 | 47.85 | 0.00 | 276.49 | 111 | -- | -- | 4.68 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW8 | 12/23/96 | 324.34 | 48.41 | 0.00 | 275.93 | 151 | -- | -- | 4.82 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW8 | 12/23/96 b | 324.34 | -- | -- | -- | 52 | -- | -- | 1.3 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW8 | 03/03/97 | 324.34 | 46.54 | 0.00 | 277.80 | <50 | -- | -- | 0.609 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW8 | 06/23/97 | 324.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 09/23/97 | 324.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 12/22/97 | 324.34 | 45.64 | 0.00 | 278.70 | 58.5 | -- | -- | **8.88** | 3.28 | 0.689 | 4.23 | 2.13 | -- |
| MW8 | 03/17/98 | 324.34 | 46.30 | 0.00 | 278.04 | <50 | -- | -- | 0.4 | 0.7 | <0.2 | <0.6 | <39 | -- |
| MW8 | 04/21/98 | 324.34 | 45.20 | 0.00 | 279.14 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 05/20/98 | 324.34 | 45.20 | 0.00 | 279.14 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 06/25/98 | 324.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 09/22/98 | 324.34 | 47.10 | 0.00 | 277.24 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 12/22/98 | 324.34 | 46.96 | 0.00 | 277.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 03/09/99 | 324.34 | 46.82 | 0.00 | 277.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 05/27/99 | 324.34 | 45.55 | 0.00 | 278.79 | <48 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | <6.5 | -- |
| MW8 | 09/07/99 | 324.34 | 45.93 | 0.00 | 278.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW8 | 11/19/99 | 324.34 | 47.02 | 0.00 | 277.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 06/22/00 | 324.34 | 47.04 | 0.00 | 277.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 10/30/01 | 324.34 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 04/29/02 | 324.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 02/19/03 | 324.34 | 50.09 | 0.00 | 274.25 | <100 | -- | -- | <1.0 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW8 | 02/29/04 | 324.34 | 50.09 | 0.00 | 274.25 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW8 | 10/12/04 | 324.34 | 50.18 | 0.00 | 274.16 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW8 | 01/28/05 | 324.34 | 50.56 | 0.00 | 273.78 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW8 | 07/08/05 | 324.34 | 50.12 | 0.00 | 274.22 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW8 | 01/25/06 | 324.34 | 50.67 | 0.00 | 273.67 | <100 | -- | -- | <1.00 | <1.00 | 1.95 | <1.00 | -- | -- |
| MW8 | 07/27/06 | 324.34 | 49.11 | 0.00 | 275.23 | <100 | -- | -- | <1.00 | <1.00 | <1.00 | <3.00 | -- | -- |
| MW8 | 03/29/07 | 324.34 | 48.60 | 0.00 | 275.74 | <100 | <105 | <105 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW8 | 06/20/07 | 324.34 | 48.11 | 0.00 | 276.23 | <100 | <97.1 | <97.1 | <1.00 | 3.14 | <1.00 | 5.47 | <5.00 | <5.00 |
| MW8 | 09/13/07 | 324.34 | 48.70 | 0.00 | 275.64 | <250 | <98.0 | <98.0 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW8 | 11/30/07 | 324.34 | 49.36 | 0.00 | 274.98 | <250 | <94.3 | <94.3 | <1.00 | 1.02 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW8 | 02/28/08 | 324.34 | 49.51 | 0.00 | 274.83 | <100 | 103 | 159 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW8 | 06/20/08 | 324.34 | 49.31 | 0.00 | 275.03 | <100 | <100 | <100 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW8 | 09/03/08 | 324.34 | 49.76 | 0.00 | 274.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 11/03/08 | 324.34 | 50.18 | 0.00 | 274.16 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 03/03/09 | 324.34 | 49.74 | 0.00 | 274.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 05/21/09 | 324.34 | 49.56 | 0.00 | 274.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 08/05/09 | 324.34 | 49.94 | 0.00 | 274.40 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 11/23/09 | 324.34 | 50.69 | 0.00 | 273.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 03/22/10 d | 324.34 | 49.92 | 0.00 | 274.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 06/16/10 | 324.34 | 49.06 | 0.00 | 275.28 | <100 | <100 | <100 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW8 | 09/02/10 | 324.34 | 48.92 | 0.00 | 275.42 | <100 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW8 | 10/20/10 | 324.34 | 49.11 | 0.00 | 275.23 | <100 | 122 | <98.0 | <1.00 | <1.00 | <1.00 | <3.00 | 8.40 | <5.00 |
| MW8 | 01/31/11 | 324.34 | 49.07 | 0.00 | 275.27 | <100 | <97.1 | <97.1 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW8 | 05/25/11 f | 328.07 | 48.14 | 0.00 | 279.93 | <100 | <94.3 | <94.3 | <1.00 | <1.00 | <1.00 | <3.00 | 8.20 | <5.00 |
| MW8 | 09/01/11 | 328.07 | 47.90 | 0.00 | 280.17 | <100 | <97.1 | <243 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW8 | 12/29/11 | 328.07 | 49.00 | 0.00 | 279.07 | <100 | <96.2 | <240 | <1.00 | <1.00 | <1.00 | <3.00 | 13.7 | <5.00 |
| MW8 | 06/14/12 | 328.07 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 03/19/13 | 328.07 | 47.42 | 0.00 | 280.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 06/17/13 | 328.07 | 47.08 | 0.00 | 280.99 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW8 | 10/30/13 | 328.07 | 48.31 | 0.00 | 279.76 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <2.00 | 12.2 | <5.00 |
| MW8 | 03/06/14 | 328.07 | 49.00 | 0.00 | 279.07 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <3.00 | **91.0** | <5.00 |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Screened Interval 45-60 ft bgs \ Total Depth 60 ft bgs | | | | | | | | | | | | | | |
| MW9 | 08/10/92 | 324.07 | 48.84 | 0.00 | 275.23 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW9 | 03/08/94 | 324.07 | 51.00 | 0.00 | 273.07 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW9 | 10/19/94 | 324.07 | 51.44 | 0.00 | 272.63 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW9 | 03/15/95 | 324.07 | 48.82 | 0.00 | 275.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 06/21/95 | 324.07 | 50.18 | 0.00 | 273.89 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW9 | 12/16/95 | 324.07 | 50.57 | 0.00 | 273.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 06/19/96 | 324.07 | 47.13 | 0.00 | 276.94 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 10/04/96 | 324.07 | 47.34 | 0.00 | 276.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 12/23/96 | 324.07 | 47.84 | 0.00 | 276.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 03/03/97 | 324.07 | 46.05 | 0.00 | 278.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 06/23/97 | 324.07 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 09/23/97 | 324.07 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 12/22/97 | 324.07 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 03/17/98 | 324.07 | 45.70 | 0.00 | 278.37 | 51 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | <39 | -- |
| MW9 | 04/21/98 | 324.07 | 44.59 | 0.00 | 279.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 05/20/98 | 324.07 | 44.60 | 0.00 | 279.47 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 06/25/98 | 324.07 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 09/22/98 | 324.07 | 46.95 | 0.00 | 277.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 12/22/98 | 324.07 | 46.65 | 0.00 | 277.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 03/09/99 | 324.07 | 46.35 | 0.00 | 277.72 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 05/27/99 | 324.07 | 44.97 | 0.00 | 279.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 09/07/99 | 324.07 | 45.31 | 0.00 | 278.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 11/19/99 | 324.07 | 46.42 | 0.00 | 277.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 06/22/00 | 324.07 | 46.44 | 0.00 | 277.63 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 10/30/01 | 324.07 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 04/29/02 | 324.07 | 48.39 | 0.00 | 275.68 | <100 | -- | -- | <1.0 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW9 | 02/19/03 | 324.07 | 49.50 | 0.00 | 274.57 | <100 | -- | -- | <1.0 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW9 | 02/29/04 | 324.07 | 49.51 | 0.00 | 274.56 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW9 | 10/12/04 | 324.07 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 01/28/05 | 324.07 | 49.90 | 0.00 | 274.17 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW9 | 07/08/05 | 324.07 | 49.52 | 0.00 | 274.55 | 162 | -- | -- | <1.00 | 5.0 | 3.5 | 28.3 | -- | -- |
| MW9 | 01/25/06 | 324.07 | 50.15 | 0.00 | 273.92 | **2,570** | -- | -- | **18.2** | 318 | 33.3 | 300 | -- | -- |
| MW9 | 07/27/06 | 324.07 | 48.48 | 0.00 | 275.59 | <100 | -- | -- | <1.00 | <1.00 | <1.00 | <3.00 | -- | -- |
| MW9 | 03/29/07 | 324.07 | 47.98 | 0.00 | 276.09 | <100 | <100 | <100 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW9 | 06/20/07 | 324.07 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 09/13/07 | 324.07 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW9 | 11/30/07 | 324.07 | 48.68 | 0.00 | 275.39 | <250 | 169 | 373 | <1.00 | 1.50 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW9 | 02/28/08 | 324.07 | 49.03 | 0.00 | 275.04 | <100 | <96.2 | 99.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW9 | 06/20/08 | 324.07 | 48.68 | 0.00 | 275.39 | <100 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW9 | 09/03/08 | 324.07 | 49.11 | 0.00 | 274.96 | <100 | <100 | 109 | <1.00 | <1.00 | <1.00 | 4.71 | <5.00 | <5.00 |
| MW9 | 11/03/08 | 324.07 | 49.47 | 0.00 | 274.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 03/03/09 | 324.07 | 49.41 | 0.00 | 274.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 05/21/09 | 324.07 | 49.16 | 0.00 | 274.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 08/05/09 | 324.07 | 49.29 | 0.00 | 274.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 11/23/09 | 324.07 | 50.01 | 0.00 | 274.06 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 03/22/10 | 324.07 | 49.13 | 0.00 | 274.94 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 06/16/10 | 324.07 | 48.43 | 0.00 | 275.64 | <100 | <98.0 | <98.0 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW9 | 09/02/10 | 324.07 | 48.29 | 0.00 | 275.78 | <100 | 113 | 105 | <1.00 | <1.00 | <1.00 | <3.00 | 8.60 | <5.00 |
| MW9 | 10/20/10 | 324.07 | 48.49 | 0.00 | 275.58 | <100 | <100 | <100 | <1.00 | <1.00 | <1.00 | <3.00 | 6.70 | <5.00 |
| MW9 | 01/31/11 | 324.07 | 48.74 | 0.00 | 275.33 | <100 | <97.1 | <97.1 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW9 | 05/25/11 f | 327.78 | 47.62 | 0.00 | 280.16 | <100 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW9 | 09/01/11 | 327.78 | 46.71 | 0.00 | 281.07 | <100 | <95.2 | <238 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW9 | 12/29/11 | 327.78 | 47.63 | 0.00 | 280.15 | <100 | <94.3 | <236 | <1.00 | <1.00 | <1.00 | <3.00 | 10.7 | <50.0 |
| MW9 | 06/14/12 | 327.78 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 03/19/13 | 327.78 | 46.87 | 0.00 | 280.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 06/17/13 | 327.78 | 46.47 | 0.00 | 281.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW9 | 10/30/13 | 327.78 | 47.65 | 0.00 | 280.13 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <2.00 | <5.00 | <5.00 |
| MW9 | 03/06/14 | 327.78 | 48.39 | 0.00 | 279.39 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <3.00 | 9.60 | <5.00 |
| Screened Interval 50-65 ft bgs \ Total Depth 65.5 ft bgs | | | | | | | | | | | | | | |
| MW10 | 10/19/94 | 332.09 | 58.90 | 0.00 | 273.19 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW10 | 06/21/95 | 332.09 | 57.70 | 0.00 | 274.39 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW10 | 12/16/95 | 332.09 | 57.99 | 0.00 | 274.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 03/15/96 | 332.09 | 56.38 | 0.00 | 275.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 06/19/96 | 332.09 | 54.54 | 0.00 | 277.55 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 10/04/96 | 332.09 | 54.72 | 0.00 | 277.37 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 12/23/96 | 332.09 | 55.16 | 0.00 | 276.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 03/03/97 | 332.09 | 53.57 | 0.00 | 278.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 06/23/97 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 09/23/97 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 12/22/97 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 03/17/98 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 04/21/98 | 332.09 | 51.96 | 0.00 | 280.13 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

# TABLE 3
## CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW10 | 05/20/98 | 332.09 | 51.90 | 0.00 | 280.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 06/25/98 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 09/22/98 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 12/22/98 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 03/09/99 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 05/27/99 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 09/07/99 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 11/19/99 | 332.09 | 54.27 | 0.00 | 277.82 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 05/16/00 | 332.09 | 53.60 | 0.00 | 278.49 | <48 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | **35.3** | -- |
| MW10 | 10/30/01 | 332.09 | 57.54 | 0.00 | 274.55 | <48 | <97 | <240 | <0.2 | <0.2 | <0.2 | <0.60 | -- | -- |
| MW10 | 04/29/02 | 332.09 | 55.90 | 0.00 | 276.19 | <100 | -- | -- | 2.8 | 3.8 | 1.7 | 8.6 | -- | -- |
| MW10 | 02/19/03 | 332.09 | 56.97 | 0.00 | 275.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 02/29/04 | 332.09 | 57.12 | 0.00 | 274.97 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW10 | 10/12/04 | 332.09 | 57.07 | 0.00 | 275.02 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW10 | 01/28/05 | 332.09 | 57.10 | 0.00 | 274.99 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW10 | 07/08/05 | 332.09 | 57.02 | 0.00 | 275.07 | 304 | -- | -- | 1.00 | 17.5 | 7.4 | 54.4 | -- | -- |
| MW10 | 01/25/06 | 332.09 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 07/27/06 | 332.09 | 55.97 | 0.00 | 276.12 | <100 | -- | -- | <1.00 | <1.00 | <1.00 | <3.00 | -- | -- |
| MW10 | 03/29/07 | 332.09 | 55.48 | 0.00 | 276.61 | <100 | <105 | 193 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW10 | 06/20/07 | 332.09 | 54.88 | 0.00 | 277.21 | <100 | <125 | 198 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW10 | 09/13/07 | 332.09 | 55.54 | 0.00 | 276.55 | <250 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW10 | 11/30/07 | 332.09 | 56.11 | 0.00 | 275.98 | <250 | <98.0 | 144 | 1.40 | 3.40 | <1.00 | 5.73 | <5.00 | <5.00 |
| MW10 | 02/28/08 | 332.09 | 56.42 | 0.00 | 275.67 | <100 | <96.2 | 97.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW10 | 06/20/08 | 332.09 | 56.16 | 0.00 | 275.93 | <100 | <100 | 172 | <1.00 | <1.00 | <1.00 | <3.00 | **41.8** | <5.00 |
| MW10 | 09/03/08 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 11/03/08 | 332.09 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 03/03/09 | 332.09 | 57.19 | 0.00 | 274.90 | <100 | <108 | **577** | <1.00 | <1.00 | <1.00 | <3.00 | 7.60 | <5.00 |
| MW10 | 05/21/09 | 332.09 | 56.89 | 0.00 | 275.20 | <100 | <94.3 | 148 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW10 | 08/05/09 | 332.09 | 56.84 | 0.00 | 275.25 | <100 | <95.2 | <95.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW10 | 11/23/09 | 332.09 | 57.51 | 0.00 | 274.58 | <100 | <111 | <111 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW10 | 03/22/10 | 332.09 | 56.89 | 0.00 | 275.20 | <100 | <95.2 | <95.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW10 | 06/16/10 | 332.09 | 55.98 | 0.00 | 276.11 | <100 | <95.2 | <95.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW10 | 09/02/10 | 332.09 | 55.79 | 0.00 | 276.30 | <100 | <97.1 | 174 | <1.00 | <1.00 | <1.00 | <3.00 | 7.30 | <5.00 |
| MW10 | 10/20/10 | 332.09 | 55.96 | 0.00 | 276.13 | <100 | <102 | 102 | <1.00 | <1.00 | <1.00 | <3.00 | 6.00 | <5.00 |
| MW10 | 01/31/11 | 332.09 | 56.00 | 0.00 | 276.09 | <100 | <97.1 | <97.1 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW10 | 05/25/11 | NE | 53.78 | 0.00 | -- | <100 | <95.2 | 117 | <1.00 | <1.00 | <1.00 | <3.00 | 10.1 | <5.00 |
| MW10 | 09/01/11 | NE | 53.97 | 0.00 | -- | <100 | <95.2 | <238 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW10 | 12/29/11 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 06/14/12 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 03/19/13 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 06/17/13 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 10/30/13 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW10 | 03/06/14 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Screened Interval 10-40 ft bgs \ Total Depth 40 ft bgs | | | | | | | | | | | | | |
| MW11 | 10/19/94 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 06/21/95 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 12/16/95 | 324.03 | 25.92 | 0.00 | 298.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 03/15/96 | 324.03 | 24.95 | 0.00 | 299.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 06/19/96 | 324.03 | 32.08 | 0.00 | 291.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 10/04/96 | 324.03 | 39.35 | 0.00 | 284.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 12/23/96 | 324.03 | 27.70 | 0.00 | 296.33 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 03/03/97 | 324.03 | 25.15 | 0.00 | 298.88 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 06/23/97 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 09/23/97 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 12/22/97 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 03/17/98 | 324.03 | 40.65 | 0.00 | 283.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 04/21/98 | 324.03 | 39.65 | 0.00 | 284.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 05/20/98 | 324.03 | 39.68 | 0.00 | 284.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 06/25/98 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 09/22/98 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 12/22/98 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 03/09/99 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 05/27/99 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 09/07/99 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 11/19/99 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 06/22/00 | 324.03 | 45.75 | 0.00 | 278.28 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 10/30/01 | 324.03 | 49.33 | 0.00 | 274.70 | <48 | <78 | <200 | <0.20 | <0.20 | <0.20 | <0.60 | -- | -- |
| MW11 | 04/29/02 | 324.03 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 02/19/03 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 02/29/04 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 10/12/04 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 01/28/05 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 07/08/05 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW11 | 01/25/06 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 07/27/06 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 03/29/07 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 06/20/07 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 09/13/07 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 11/30/07 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 02/28/08 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 06/20/08 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 09/03/08 | 324.03 | 37.99 | 0.00 | 286.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 11/03/08 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 03/03/09 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 05/21/09 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 08/05/09 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 11/23/09 | 324.03 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 03/22/10 | 323.74 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 06/16/10 | 323.74 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 09/02/10 | 323.74 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 10/20/10 | 323.74 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 01/31/11 | 323.74 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 05/25/11 f | 327.41 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 09/01/11 | 327.41 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 12/29/11 | 327.41 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 06/14/12 | 327.41 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 03/19/13 | 327.41 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 06/17/13 | 327.41 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 10/30/13 | 327.41 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW11 | 03/06/14 | 327.41 | DRY | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Screened Interval 50-65 ft bgs \ Total Depth 65.5 ft bgs | | | | | | | | | | | | | | |
| MW12 | 10/19/94 | 326.34 | 60.35 | 0.00 | 265.99 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW12 | 06/21/95 | 326.34 | 58.10 | 0.00 | 268.24 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW12 | 09/20/95 | 326.34 | 58.24 | 0.00 | 268.10 | <50 | -- | -- | <0.5 | 1.3 | 0.58 | 4.0 | -- | -- |
| MW12 | 09/20/95 b | 326.34 | NM | -- | -- | <50 | -- | -- | <0.5 | 0.96 | <0.5 | 2.8 | -- | -- |
| MW12 | 12/15/95 | 326.34 | 58.55 | 0.00 | 267.79 | <50 | -- | -- | <0.5 | 4.5 | 1.0 | 7.5 | -- | -- |
| MW12 | 03/14/96 | 326.34 | 55.38 | 0.00 | 270.96 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | 1.4 | -- | -- |
| MW12 | 06/19/96 | 326.34 | 54.07 | 0.00 | 272.27 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW12 | 10/03/96 | 326.34 | 55.50 | 0.00 | 270.84 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW12 | 12/24/96 | 326.34 | 55.27 | 0.00 | 271.07 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW12 | 03/03/97 | 326.34 | 52.43 | 0.00 | 273.91 | <50 | -- | -- | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- |
| MW12 | 06/23/97 | 326.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 09/23/97 | 326.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 12/22/97 | 326.34 | 54.58 | 0.00 | 271.76 | <50 | -- | -- | 5.7 | 1.66 | <0.5 | 1.94 | <2.0 | -- |
| MW12 | 03/17/98 | 326.34 | 53.90 | 0.00 | 272.44 | <50 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | <39 | -- |
| MW12 | 04/21/98 | 326.34 | 51.87 | 0.00 | 274.47 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 05/20/98 | 326.34 | 52.10 | 0.00 | 274.24 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 06/25/98 | 326.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 09/22/98 | 326.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 12/22/98 | 326.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 03/09/99 | 326.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 05/27/99 | 326.34 | 51.66 | 0.00 | 274.68 | <48 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | <6.5 | -- |
| MW12 | 09/07/99 | 326.34 | 52.05 | 0.00 | 274.29 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 11/19/99 | 326.34 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 05/16/00 | 326.34 | 53.63 | 0.00 | 272.71 | <48 | -- | -- | <0.2 | <0.2 | <0.2 | <0.6 | <0.78 | -- |
| MW12 | 10/30/01 | 326.34 | 59.51 | 0.00 | 266.83 | <48 | <78 | <200 | <0.20 | <0.20 | <0.20 | <0.60 | -- | -- |
| MW12 | 04/29/02 | 326.34 | 56.11 | 0.00 | 270.23 | <100 | -- | -- | <1.0 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW12 | 02/19/03 | 326.34 | 58.33 | 0.00 | 268.01 | <100 | -- | -- | <1.0 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW12 | 02/29/04 | 326.34 | 57.75 | 0.00 | 268.59 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW12 | 10/12/04 | 326.34 | 59.13 | 0.00 | 267.21 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW12 | 01/28/05 | 326.34 | 58.81 | 0.00 | 267.53 | <100 | -- | -- | <1.00 | <1.0 | <1.0 | <1.0 | -- | -- |
| MW12 | 07/08/05 | 326.34 | 59.51 | 0.00 | 266.83 | <100 | -- | -- | <1.00 | 1.3 | <1.0 | 3.0 | -- | -- |
| MW12 | 01/25/06 | 326.34 | 59.27 | 0.00 | 267.07 | <100 | -- | -- | <1.00 | <1.00 | 2.08 | <3.00 | -- | -- |
| MW12 | 07/27/06 | 326.34 | 57.65 | 0.00 | 268.69 | <100 | -- | -- | <1.00 | <1.00 | <1.00 | <3.00 | -- | -- |
| MW12 | 03/29/07 | 326.34 | 55.96 | 0.00 | 270.38 | <100 | <98.0 | <98.0 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 06/20/07 | 326.34 | 55.59 | 0.00 | 270.75 | <100 | <118 | 148 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 09/13/07 | 326.34 | 57.14 | 0.00 | 269.20 | <250 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 11/30/07 | 326.34 | 57.81 | 0.00 | 268.53 | <250 | <94.3 | <94.3 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 02/28/08 | 326.34 | 57.71 | 0.00 | 268.63 | <100 | <96.2 | 128 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 06/20/08 | 326.34 | 57.43 | 0.00 | 268.91 | <100 | 145 | 212 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 09/03/08 | 326.34 | 58.23 | 0.00 | 268.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 11/03/08 | 326.34 | 58.42 | 0.00 | 267.92 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 03/03/09 | 326.34 | 57.94 | 0.00 | 268.40 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 05/21/09 | 326.34 | 57.63 | 0.00 | 268.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 08/05/09 | 326.34 | 52.14 | 0.00 | 274.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 11/23/09 | 326.34 | 59.26 | 0.00 | 267.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW12 | 03/22/10 | 326.34 | 57.74 | 0.00 | 268.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 06/16/10 | 326.34 | 56.81 | 0.00 | 269.53 | <100 | <105 | <105 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 09/02/10 | 326.34 | 57.24 | 0.00 | 269.10 | <100 | 107 | <103 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 10/20/10 | 326.34 | 57.22 | 0.00 | 269.12 | <100 | <98.0 | <98.0 | <1.00 | <1.00 | <1.00 | <3.00 | 8.50 | <5.00 |
| MW12 | 01/31/11 | 326.34 | 56.94 | 0.00 | 269.40 | <100 | <105 | <105 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 05/25/11 f | 330.05 | 54.83 | 0.00 | 275.22 | <100 | <94.3 | <94.3 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 09/01/11 | 330.05 | 54.90 | 0.00 | 275.15 | <100 | <98.0 | <245 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 12/29/11 | 330.05 | 56.22 | 0.00 | 273.83 | <100 | <94.3 | <236 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW12 | 06/14/12 | 330.05 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 03/19/13 | 330.05 | 53.57 | 0.00 | 276.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 06/17/13 | 330.05 | 54.04 | 0.00 | 276.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW12 | 10/30/13 | 330.05 | 54.89 | 0.00 | 275.16 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <2.00 | <5.00 | <5.00 |
| MW12 | 03/06/14 | 330.05 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Screened Interval 30-38 ft bgs \ Total Depth 38 ft bgs | | | | | | | | | | | | | | |
| MW13A | 06/21/95 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 03/14/96 | NE | 37.35 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 06/19/96 | NE | 33.82 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 12/16/96 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 12/23/96 | NE | 37.20 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 03/03/97 | NE | 32.05 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 06/23/97 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 09/23/97 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 12/22/97 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 03/17/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 04/21/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 05/20/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 06/25/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 09/22/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 12/22/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 03/09/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 05/27/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 09/07/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 11/19/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 06/22/00 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 10/30/01 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 04/29/02 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW13A | 02/19/03 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 02/29/04 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 10/12/04 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 01/28/05 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 07/08/05 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 01/25/06 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 07/27/06 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 03/29/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 06/20/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 09/13/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 11/30/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 02/28/08 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 06/20/08 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 09/03/08 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 11/03/08 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 03/03/09 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 05/21/09 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 08/05/09 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 11/23/09 | NE | 37.46 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 03/22/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 06/16/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 09/02/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 10/20/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 01/31/11 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 05/25/11 f | 327.43 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 09/01/11 | 327.43 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 12/29/11 | 327.43 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 06/14/12 | 327.43 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 03/19/13 | 327.43 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 06/17/13 | 327.43 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 10/30/13 | 327.43 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13A | 03/06/14 | 327.43 | 37.10 | 0.00 | 290.33 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Screened Interval 19-26 ft bgs \ Total Depth 26 ft bgs | | | | | | | | | | | | | |
| MW13B | 06/21/95 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 12/16/95 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 03/14/96 | NE | 23.10 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW13B | 06/19/96 | NE | 20.65 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 12/23/96 | NE | 22.22 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 03/03/97 | NE | 20.15 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 06/23/97 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 09/23/97 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 12/22/97 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 03/17/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 04/21/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 05/20/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 06/25/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 09/22/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 12/22/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 03/09/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 05/27/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 09/07/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 11/19/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 06/22/00 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 10/30/01 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 04/29/02 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 02/19/03 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 02/29/04 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 10/12/04 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 01/28/05 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 07/08/05 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 01/25/06 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 07/27/06 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 03/29/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 06/20/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 09/13/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 11/30/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 02/28/08 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 06/20/08 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 09/03/08 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 11/03/08 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 03/03/09 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 05/21/09 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 08/05/09 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW13B | 11/23/09 | NE | 20.02 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 03/22/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 06/16/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 09/02/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 10/20/10 | NE | 24.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 01/31/11 e | NE | 24.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 05/25/11 f | 327.45 | 24.06 | 0.00 | 303.39 | **8,550** | **557** | <111 | 3.58 | 9.06 | 20.7 | 60.1 | **34.3** | <5.00 |
| MW13B | 09/01/11 | 327.45 | 23.04 | 0.00 | 304.41 | --g | --g | --g | <1.00 | 6.94 | <1.00 | 541 | --g | --g |
| MW13B | 12/29/11 | 327.45 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 06/14/12 | 327.45 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 03/19/13 | 327.45 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 06/17/13 | 327.45 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 10/30/13 | 327.45 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13B | 03/06/14 | 327.45 | 19.67 | 0.00 | 307.78 | **2,860** | **1,030** | <93.5 | 2.60 | 9.44 | 28.6 | 65.7 | 12.1 | 7.70 |
| | Screened Interval 5-15 ft bgs \ Total Depth 15 ft bgs | | | | | | | | | | | | | |
| MW13C | 06/21/95 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 12/16/95 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 03/14/96 | NE | 14.50 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 06/19/96 | NE | 9.85 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 12/23/96 | NE | 14.45 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 03/03/97 | NE | 8.31 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 06/23/97 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 09/23/97 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 12/22/97 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 03/17/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 04/21/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 05/20/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 06/25/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 09/22/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 12/22/98 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 03/09/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 05/27/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 09/07/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 11/19/99 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 06/22/00 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 10/30/01 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW13C | 04/29/02 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 02/19/03 | NE | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 02/29/04 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 10/12/04 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 01/28/05 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 07/08/05 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 01/25/06 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 07/27/06 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 03/29/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 06/20/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 09/13/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 11/30/07 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 02/28/08 | NE | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 06/20/08 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 09/03/08 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 11/03/08 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 03/03/09 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 05/21/09 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 08/05/09 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 11/23/09 | NE | 8.46 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 03/22/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 06/16/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 09/02/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 10/20/10 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 01/31/11 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 05/25/11 f | 327.48 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 09/01/11 | 327.48 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 12/29/11 | 327.48 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 06/14/12 | 327.48 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 03/19/13 | 327.48 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 06/17/13 | 327.48 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 10/30/13 | 327.48 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW13C | 03/06/14 | 327.48 | 4.72 | 0.00 | 322.76 | <100 | <94.3 | <94.3 | <1.00 | <1.00 | <1.00 | <3.00 | <50.0 | <5.00 |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Screened Interval 35-60 ft bgs \ Total Depth 60.5 ft bgs | | | | | | | | | | | | | | |
| MW14 | 07/08/05 | NE | 50.45 | 0.00 | -- | 356 | -- | -- | 1.20 | 18.4 | 5.9 | 52.5 | -- | -- |
| MW14 | 01/25/06 | NE | 51.00 | 0.00 | -- | <100 | -- | -- | <1.00 | <1.00 | 2.02 | <3.00 | -- | -- |
| MW14 | 07/27/06 | NE | 49.42 | 0.00 | -- | <100 | -- | -- | <1.00 | <1.00 | <1.00 | <3.00 | -- | -- |
| MW14 | 03/29/07 | NE | 48.93 | 0.00 | -- | <100 | <98.0 | <98.0 | <1.00 | <1.00 | <1.00 | <3.00 | 10.4 | <5.00 |
| MW14 | 06/20/07 | NE | 48.44 | 0.00 | -- | 372 | <105 | 111 | 2.81 | 69.6 | 16.3 | 89.4 | **24.3** | <5.00 |
| MW14 | 09/13/07 | NE | 49.03 | 0.00 | -- | <250 | <98.0 | <98.0 | <1.00 | 1.71 | <1.00 | <3.00 | **64.4** | <5.00 |
| MW14 | 11/30/07 | 324.71 | 49.60 | 0.00 | 275.11 | <250 | <95.7 | <95.7 | <1.00 | <1.00 | <1.00 | <3.00 | **28.0** | <5.00 |
| MW14 | 02/28/08 | 324.71 | 49.87 | 0.00 | 274.84 | <100 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | 14.5 | <5.00 |
| MW14 | 06/20/08 | 324.71 | 49.68 | 0.00 | 275.03 | <100 | 192 | 446 | <1.00 | 1.39 | 1.12 | 3.54 | **18.1** | -- |
| MW14 | 09/03/08 | 324.71 | 50.08 | 0.00 | 274.63 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 11/03/08 | 324.71 | 50.21 | 0.00 | 274.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 03/03/09 | 324.71 | 50.25 | 0.00 | 274.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 05/21/09 | 324.71 | 50.11 | 0.00 | 274.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 08/05/09 | 324.71 | 50.27 | 0.00 | 274.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 11/23/09 | 324.71 | 50.97 | 0.00 | 273.74 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 03/22/10 | 324.71 | 50.12 | 0.00 | 274.59 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 06/16/10 | 324.71 | 49.38 | 0.00 | 275.33 | <100 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | **17.6** | <5.00 |
| MW14 | 09/02/10 | 324.71 | 49.25 | 0.00 | 275.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 10/20/10 | 324.71 | 49.44 | 0.00 | 275.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 01/31/11 | 324.71 | 49.40 | 0.00 | 275.31 | <100 | <105 | <105 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW14 | 05/25/11 f | 328.66 | 48.16 | 0.00 | 280.50 | <100 | <111 | <111 | <1.00 | <1.00 | <1.00 | <3.00 | 10.2 | <5.00 |
| MW14 | 09/01/11 | 328.66 | 48.73 | 0.00 | 279.93 | <100 | <97.1 | <243 | <1.00 | <1.00 | <1.00 | <3.00 | 6.70 | <5.00 |
| MW14 | 12/29/11 | 328.66 | 49.64 | 0.00 | 279.02 | <100 | <97.1 | <243 | <1.00 | <1.00 | <1.00 | <3.00 | **18.7** | <5.00 |
| MW14 | 06/14/12 | 328.66 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 03/19/13 | 328.66 | 47.70 | 0.00 | 280.96 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 06/17/13 | 328.66 | 47.36 | 0.00 | 281.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW14 | 10/30/13 | 328.66 | 48.60 | 0.00 | 280.06 | <100 | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <2.00 | 6.90 | <5.00 |
| MW14 | 03/06/14 | 328.66 | 49.32 | 0.00 | 279.34 | <100 | <94.3 | <94.3 | <1.00 | <1.00 | <1.00 | <3.00 | **18.7** | <5.00 |
| Screened Interval 45-65 ft bgs \ Total Depth 65 ft bgs | | | | | | | | | | | | | | |
| MW15 | 09/13/07 | 327.61 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW15 | 11/30/07 | 327.61 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW15 | 02/28/08 | 327.61 | 57.57 | 0.00 | 270.04 | <100 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | **16.9** | <5.00 |
| MW15 | 06/20/08 | 327.61 | 57.21 | 0.00 | 270.40 | <100 | <100 | 180 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW15 | 09/03/08 | 327.61 | 58.54 | 0.00 | 269.07 | <100 | <96.2 | <96.2 | <1.00 | <1.00 | <1.00 | <3.00 | **47.1** | <5.00 |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW15 | 11/03/08 | 327.61 | 55.88 | 0.00 | 271.73 | **<100** | <100 | <100 | <1.00 | <1.00 | <1.00 | <3.00 | **16.1** | <5.00 |
| MW15 | 03/03/09 | 327.61 | 57.89 | 0.00 | 269.72 | **<100** | <103 | 103 | <1.00 | <1.00 | <1.00 | <3.00 | **65.7** | <5.00 |
| MW15 | 05/21/09 | 327.61 | 57.47 | 0.00 | 270.14 | **<100** | <95.2 | <95.2 | <1.00 | <1.00 | <1.00 | <3.00 | **71.5** | <5.00 |
| MW15 | 08/05/09 | 327.61 | 59.09 | 0.00 | 268.52 | **<100** | <97.1 | <97.1 | <1.00 | <1.00 | <1.00 | <3.00 | **37.4** | <5.00 |
| MW15 | 11/23/09 | 327.61 | 59.38 | 0.00 | 268.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW15 | 03/22/10 | 327.61 | 57.36 | 0.00 | 270.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW15 | 06/16/10 | 327.61 | 56.62 | 0.00 | 270.99 | **<100** | <111 | 393 | <1.00 | <1.00 | <1.00 | <3.00 | **25.9** | <5.00 |
| MW15 | 09/02/10 | 327.61 | 57.62 | 0.00 | 269.99 | **<100** | <99.0 | <99.0 | <1.00 | <1.00 | <1.00 | <3.00 | **56.2** | <5.00 |
| MW15 | 10/20/10 | 327.61 | 57.31 | 0.00 | 270.30 | **<100** | <98.0 | <98.0 | <1.00 | <1.00 | <1.00 | <3.00 | **90.2** | <5.00 |
| MW15 | 01/31/11 | 327.61 | 56.48 | 0.00 | 271.13 | **<100** | <125 | <125 | <1.00 | <1.00 | <1.00 | <3.00 | **15.1** | <5.00 |
| MW15 | 05/25/11 f | 331.33 | 54.71 | 0.00 | 276.62 | **<100** | <105 | <105 | <1.00 | <1.00 | <1.00 | <3.00 | <5.00 | <5.00 |
| MW15 | 09/01/11 | 331.33 | 55.31 | 0.00 | 276.02 | **<100** | <99.0 | <248 | <1.00 | <1.00 | <1.00 | <3.00 | 13.1 | <5.00 |
| MW15 | 12/29/11 | 331.33 | 55.88 | 0.00 | 275.45 | **<100** | <111 | <278 | <1.00 | <1.00 | <1.00 | <3.00 | **85.5** | <5.00 |
| MW15 | 06/14/12 | 331.33 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW15 | 03/19/13 | 331.33 | 53.49 | 0.00 | 277.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW15 | 06/17/13 | 331.33 | 54.25 | 0.00 | 277.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW15 | 10/30/13 | 331.33 | 54.77 | 0.00 | 276.56 | **<100** | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <2.00 | 5.50 | <5.00 |
| MW15 | 03/06/14 | 331.33 | NM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Screened Interval 10-20 ft bgs \ Total Depth 20 ft bgs | | | | | | | | | | | | | |
| SVE5 | 01/25/06 | NE | 17.10 | 0.00 | -- | **5,940** | -- | -- | **21.7** | 33.1 | 135 | 483 | -- | -- |
| SVE5 | 07/27/06 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 03/29/07 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 06/20/07 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 09/13/07 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 11/30/07 | 324.23 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 02/28/08 | 324.23 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 06/20/08 | 324.23 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 09/03/08 | 324.23 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 11/03/08 | 324.23 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 03/03/09 | 324.23 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 05/21/09 | 324.23 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 08/05/09 | 324.23 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 11/23/09 | 324.23 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 03/22/10 | 324.11 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 06/16/10 | 324.11 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 09/02/10 | 324.11 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SVE5 | 10/20/10 | 324.11 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 01/31/11 | 324.11 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 05/25/11 f | 327.79 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 09/01/11 | 327.79 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 12/29/11 | 327.79 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 06/14/12 | 327.79 | 14.49 | 0.00 | 313.30 | **1,520** | **2,340** | 210 | <1.00 | 39.7 | 12.0 | 326 | <5.00 | <5.00 |
| SVE5 | 03/19/13 | 327.79 | 17.58 | 0.00 | 310.21 | **<100** | <93.5 | <93.5 | <1.00 | <1.00 | <1.00 | <3.00 | **184** | <5.00 |
| SVE5 | 06/17/13 | 327.79 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 10/30/13 | 327.79 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE5 | 03/06/14 | 327.79 | 14.50 | 0.00 | 313.29 | **<100** | <94.3 | <94.3 | <1.00 | <1.00 | <1.00 | <3.00 | **27.6** | <5.00 |
| | Screened Interval 10-40 ft bgs \ Total Depth 40 ft bgs | | | | | | | | | | | | | |
| SVE6 | 01/25/06 | NE | 38.23 | 0.00 | -- | **92,200** | -- | -- | **86.4** | **5,620** | **1,520** | **10,300** | -- | -- |
| SVE6 | 07/27/06 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 03/29/07 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 06/20/07 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 09/13/07 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 11/30/07 | 324.30 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 02/28/08 | 324.30 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 06/20/08 | 324.30 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 09/03/08 | 324.30 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 11/03/08 | 324.30 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 03/03/09 | 324.30 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 05/21/09 | 324.30 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 08/05/09 | 324.30 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 11/23/09 | 324.30 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 03/22/10 | 324.41 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 06/16/10 | 324.41 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 09/02/10 | 324.41 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 10/20/10 | 324.41 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 01/31/11 | 324.41 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 05/25/11 f | 327.90 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 09/01/11 | 327.90 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 12/29/11 | 327.90 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 06/14/12 | 327.90 | 15.42 | 0.00 | 312.48 | **1,900** | **3,120** | 242 | <1.00 | 45.3 | 14.3 | 400 | <5.00 | 5.60 |
| SVE6 | 03/19/13 | 327.90 | DRY | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 06/17/13 | 327.90 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

**TABLE 3**
**CUMULATIVE GROUNDWATER ANALYTICAL RESULTS**
Former Mobil Station 99BLV
1500 145th Place Southeast
Bellevue, Washington


| Well ID | Sampling Date | Wellhead Elev (feet) | DTW (feet) | NAPL (feet) | GW Elev (feet) | TPHg (µg/L) | TPHd (µg/L) | TPHmo (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | Total Pb (µg/L) | Diss Pb (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SVE6 | 10/30/13 | 327.90 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE6 | 03/06/14 | 327.90 | 38.29 | 0.00 | 289.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Screened Interval 10-30 ft bgs \ Total Depth 31 ft bgs | | | | | | | | | | | | | |
| SVE7 | 01/25/06 | NE | 18.81 | 0.00 | -- | <100 | -- | -- | <1.00 | <1.00 | <1.00 | <3.00 | -- | -- |
| SVE7 | 07/27/06 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 03/29/07 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 06/20/07 | NE | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 09/13/07 | NE | 28.68 | 0.00 | -- | **112,000** | **15,700** | **2,090** | **1,320** | **18,800** | **3,190** | **19,300** | 9.39 | <5.00 |
| SVE7 | 11/30/07 | 323.81 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 02/28/08 | 323.81 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 06/20/08 | 323.81 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 09/03/08 | 323.81 | 16.05 | 0.00 | 307.76 | **29,700** | **2,980** | <490 | **9.24** | 678 | **956** | **7,200** | <5.00 | <5.00 |
| SVE7 | 11/03/08 | 323.81 | 16.05 | 0.00 | 307.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 03/03/09 | 323.81 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 05/21/09 | 323.81 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 08/05/09 | 323.81 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 11/23/09 | 323.81 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 03/22/10 | 323.94 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 06/16/10 | 323.94 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 09/02/10 | 323.94 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 10/20/10 | 323.94 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 01/31/11 | 323.94 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 05/25/11 f | 327.46 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 09/01/11 | 327.46 | 27.09 | 0.00 | 300.37 | --g | --g | --g | 4.78 | **1,000** | 254 | **4,660** | --g | --g |
| SVE7 | 12/29/11 | 327.46 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 06/14/12 | 327.46 | 15.39 | 0.00 | 312.07 | **1,690** | **4,930** | <100 | <1.00 | 29.4 | 6.57 | 367 | <5.00 | 5.00 |
| SVE7 | 03/19/13 | 327.46 | 26.55 | 0.00 | 300.91 | 228 | **686** | 411 | <1.00 | <1.00 | <1.00 | <3.00 | **180** | <5.00 |
| SVE7 | 06/17/13 | 327.46 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 10/30/13 | 327.46 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVE7 | 03/06/14 | 327.46 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MTCA Method A Cleanup Levels | | | | | | 800/1,000[a] | 500 | 500 | 5 | 1,000 | 700 | 1,000 | 15 | 15 |

EXPLANATION:

Data collected before 10/30/01 were taken from prior consultants

ft bgs = Feet Below Ground Surface

µg/L =Micrograms per Liter

DTW = Depth to water in feet below top of casing

NAPL = Non-aqueous Phase Liquid thickness in feet

GW Elev = Groundwater elevation relative to top of casing elevation

Groundwater elevation corrected for presence of NAPL = (top of casing elevation - depth to water) + (NAPL*0.75)

TPHg = Total Petroleum Hydrocarbons as Gasoline in accordance with Ecology Method NWTPH-Gx

TPHd and TPHmo = Total Petroleum Hydrocarbons as Diesel and Oil, respectively, in accordance with Ecology Method NWTPH-Dx

B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes

BTEX = Aromatic compounds in accordance with EPA Method 8021B or 8260B

BTEX analyses prior to 04/29/98 in accordance with EPA Method 8020A and analyses prior to 07/15/96 in accordance with EPA Method 8020

Total Pb = Total lead; Diss Pb = Dissolved lead

Total and dissolved lead analyses in accordance with EPA Method 7421 or 6010B

NE = Not Established; NM = Not Measured; -- = Not Analyzed or Sampled

Shaded values equal or exceed MTCA Method A Cleanup Levels

a = TPHg cleanup level for groundwater is 800 µg/L if benzene is present, or 1,000 µg/L if benzene is not present

b = Sample duplicate collected for laboratory precision review purposes

c = Data for monitoring wells MW2 and MW5 were revised in October 2007 to correct errors in well identification generated during prior monitoring events conducted between February and March 2007

d = Wells were re-surveyed by ERI on 04/23/10, following system installation

e = Groundwater monitoring well MW13B was purged dry and therefore was not sampled

f = Wellhead elevations were resurveyed on 02/22/11 by Cardno WRG using NAVD 88

g = Analysis not performed due to insufficient sample volume

h = covered during property redevelopment, unable to locate with metal detector on 03/06/14

# APPENDIX A
## FIELD PROTOCOL

Cardno ERI
Shaping the Future

**Cardno ERI**
**Soil Boring and Well Installation**
**Field Protocol**

## Preliminary Activities

Prior to the onset of field activities at the site, Cardno ERI obtains the appropriate permit(s) from the governing agency(s). Advance notification is made as required by the agency(s) prior to the start of work. Cardno ERI marks the borehole locations and contacts the local one call utility locating service at least 48 hours prior to the start of work to mark buried utilities. Borehole locations may also be checked for buried utilities by a private geophysical surveyor. Prior to drilling, the borehole location is cleared in accordance with the client's procedures. Fieldwork is conducted under the advisement of a registered professional geologist and in accordance with an updated site-specific safety plan prepared for the project, which is available at the job site during field activities.

## Drilling and Soil Sampling Procedures

Cardno ERI contracts a licensed driller to advance the boring and collect soil samples. The specific drilling method (e.g., hollow-stem auger, direct push method, or sonic drilling), sampling method [e.g., core barrel or California-modified split spoon sampler (CMSSS)] and sampling depths are documented on the boring log and may be specified in a work plan. Soil samples are typically collected at the capillary fringe and at 5-foot intervals to the total depth of the boring. To determine the depth of the capillary fringe prior to drilling, the static groundwater level is measured with a water level indicator in the closest monitoring well to the boring location, if available.

The borehole is advanced to just above the desired sampling depth. For CMSSSs, the sampler is placed inside the auger and driven to a depth of 18 inches past the bit of the auger. The sampler is driven into the soil with a standard 140-pound hammer repeatedly dropped from a height of 30 inches onto the sampler. The number of blows required to drive the sampler each 6-inch increment is recorded on the boring log. For core samplers (e.g., direct push), the core is driven 18 inches using the rig apparatus.

Soil samples are preserved in the metal or plastic sleeve used with the CMSSS or core sampler, in glass jars or other manner required by the local regulatory agency (e.g., Environmental Protection Agency Method 5035). Sleeves are removed from the sample barrel, and the lowermost sample sleeve is immediately sealed with Teflon™ tape, capped and labeled. Samples are placed in a cooler chilled to 4º Celsius and transported to a state-certified laboratory. The samples are transferred under chain-of-custody (COC) protocol.

## Field Screening Procedures

Cardno ERI places the soil from the middle of the sampling interval into a plastic re-sealable bag. The bag is placed away from direct sunlight for approximately 20 minutes, after which the tip of a photo-ionization detector (PID) or similar device is inserted through the plastic bag to measure organic vapor concentrations in the headspace. The PID measurement is recorded on the boring log. At a minimum, the PID or other device is calibrated on a daily basis in accordance with manufacturer's specifications using a hexane or isobutylene standard. The calibration gas and concentration are recorded on a calibration log. Instruments such as the PID are useful for evaluating relative concentrations of volatilized hydrocarbons, but they do not measure the concentration of petroleum hydrocarbons in the soil matrix with the same precision as laboratory analysis. Cardno ERI trained personnel describe the soil in the bag according to the Unified Soil Classification System and record the description on the boring log, which is included in the final report.

## Air Monitoring Procedures

Cardno ERI performs a field evaluation for volatile hydrocarbon concentrations in the breathing zone using a calibrated PID or lower explosive level meter.

## Groundwater Sampling

A groundwater sample, if desired, is collected from the boring by using Hydropunch™ sampling technology or installing a well in the borehole. In the case of using Hydropunch™ technology, after collecting the capillary fringe soil sample, the boring is advanced to the top of the soil/groundwater interface and a sampling probe is pushed to approximately 2 feet below the top of the static water level. The probe is opened by partially withdrawing it and thereby exposing the screen. A new or decontaminated bailer is used to collect a water sample from the probe. The water sample is then emptied into laboratory-supplied containers constructed of the correct material and with the correct volume and preservative to comply with the proposed laboratory test. The container is slowly filled with the retrieved water sample until no headspace remains and then promptly sealed with a Teflon-lined cap, checked for the presence of bubbles, labeled, entered onto a COC record and placed in chilled storage at 4° Celsius. Laboratory-supplied trip blanks accompany the water samples as a quality assurance/quality control procedure. Equipment blanks may be collected as required. The samples are kept in chilled storage and transported under COC protocol to a client-approved, state-certified laboratory for analysis.

## Backfilling of Soil Boring

If a well is not installed, the boring is backfilled from total depth to approximately 5 feet below ground surface (bgs) with either neat cement or bentonite grout using a tremie pipe. The boring is backfilled from 5 feet bgs to approximately 1 foot bgs with hydrated bentonite chips. The borehole is completed from 1 foot bgs to surface grade with material that best matches existing surface conditions and meets local agency requirements. Site-specific backfilling details are shown on the respective boring log.

## Well Construction

A well (if constructed) is completed using materials documented on the boring log or specified in a work plan. The well is constructed with slotted casing across the desired groundwater sampling depth(s) and completed with blank casing to within 6 inches of surface grade. No further construction is conducted on temporary wells. For permanent wells, the annular space of the well is backfilled with Monterey sand from the total depth to approximately 2 feet above the top of the screened casing. A hydrated granular bentonite seal is placed on top of the sand filter pack. Grout may be placed on top of the bentonite seal to the desired depth using a tremie pipe. The well may be completed to surface grade with a 1-foot thick concrete pad. A traffic-rated well vault and locking cap for the well casing may be installed to protect against surface-water infiltration and unauthorized entry. Site-specific well construction details including type of well, well depth, casing diameter, slot size, length of screen interval and sand size are documented on the boring log or specified in the work plan.

## Well Development and Sampling

If a permanent groundwater monitoring well is installed, the grout is allowed to cure a minimum of 48 hours before development. Cardno ERI personnel or a contracted driller use a submersible pump or surge block to develop the newly installed well. Prior to development, the pump is decontaminated by allowing it to run and re-circulate while immersed in a non-phosphate solution followed by successive immersions in potable water and de-ionized water baths. The well is developed until sufficient well casing volumes are removed so that turbidity is within allowable limits and pH, conductivity and temperature levels stabilize in the purge water. The volume of groundwater extracted is recorded on a log.

Following development, groundwater within the well is allowed to recharge until at least 80% of the drawdown is recovered. A new or decontaminated bailer is slowly lowered past the air/water interface in the well, and a water sample is collected and checked for the presence of non-aqueous phase liquid, sheen or emulsions. The water sample is then emptied into laboratory-supplied containers as discussed above.

## Surveying

If required, wells are surveyed by a licensed land surveyor relative to an established benchmark of known elevation above mean sea level to an accuracy of +/- 0.01 foot. The casing is notched or marked on one side to identify a consistent surveying and measuring point.

## Decontamination Procedures

Cardno ERI or the contracted driller decontaminates soil and water sampling equipment between each sampling event with a non-phosphate solution, followed by a minimum of two tap water rinses. De-ionized water may be used for the final rinse. Downhole drilling equipment is steam-cleaned prior to drilling the borehole and at completion of the borehole.

## Waste Treatment and Soil Disposal

Soil cuttings generated from the drilling or sampling are stored on site in labeled, Department of Transportation-approved, 55-gallon drums or other appropriate storage container. The soil is removed from the site and transported under manifest to a client- and regulatory-approved facility for recycling or disposal. Decontamination fluids and purge water from well development and sampling activities, if conducted, are stored on site in labeled, regulatory-approved storage containers. Fluids are subsequently transported under manifest to a client- and regulatory-approved facility for disposal or treated with a permitted mobile or fixed-base carbon treatment system.

# APPENDIX B
## LABORATORY ANALYTICAL REPORT AND FIELD LOGS

Cardno ERI
Shaping the Future

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

# ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-48069-1
TestAmerica Sample Delivery Group: 031160CX
Client Project/Site: 99BLV

For:
Cardno ERI
801 Second Ave
Suite 700
Seattle, Washington 98104

Attn: Michael Miller

*Authorized for release by:*
*3/24/2014 5:49:53 PM*

Leah Klingensmith, Senior Project Manager
(615)726-0177
leah.klingensmith@testamericainc.com

# Table of Contents

# Sample Summary

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 490-48069-1 | W-48-MW4 | Ground Water | 03/06/14 11:35 | 03/08/14 08:30 |
| 490-48069-2 | W-40-MW5 | Ground Water | 03/06/14 13:15 | 03/08/14 08:30 |
| 490-48069-3 | W-48-MW6 | Ground Water | 03/06/14 13:50 | 03/08/14 08:30 |
| 490-48069-4 | W-49-MW8 | Ground Water | 03/06/14 12:10 | 03/08/14 08:30 |
| 490-48069-5 | W-48-MW9 | Ground Water | 03/06/14 11:05 | 03/08/14 08:30 |
| 490-48069-6 | W-20-MW13B | Ground Water | 03/06/14 15:03 | 03/08/14 08:30 |
| 490-48069-7 | W-5-MW13C | Ground Water | 03/06/14 15:45 | 03/08/14 08:30 |
| 490-48069-8 | W-49-MW14 | Ground Water | 03/06/14 16:10 | 03/08/14 08:30 |
| 490-48069-9 | W-15-SVE5 | Ground Water | 03/06/14 12:40 | 03/08/14 08:30 |

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

## Job ID: 490-48069-1

**Laboratory: TestAmerica Nashville**

**Narrative**

**Job Narrative**
**490-48069-1**

**Comments**
Complete Final

**Receipt**
The samples were received on 3/8/2014 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.1º C, 0.9º C, 1.0º C and 4.5º C.

Except:

2 unpreserved liters did not have the ID recorded on the label. Matched based upon sample date and time.

**GC/MS VOA**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**GC VOA**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**GC Semi VOA**
Method(s) NWTPH-Dx: The method blank for preparation batch 147499 contained C24-C40 above the reporting limit (RL). None of the following samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed: W-48-MW4 (490-48069-1), W-49-MW8 (490-48069-4), W-48-MW9 (490-48069-5), W-49-MW14 (490-48069-8), W-5-MW13C (490-48069-7).

Method(s) NWTPH-Dx: The following sample(s) contained a single peak(s) contaminant which does not match a typical Total Petroleum Hydrocarbon (TPH) pattern used by the laboratory for quantitative purposes: W-40-MW5 (490-48069-2).

Method(s) NWTPH-Dx: The method blank for preparation batch 149131 contained C24-C40 above the reporting limit (RL). None of the following samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed: W-40-MW5 (490-48069-2).

No other analytical or quality issues were noted.

**Metals**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Organic Prep**
Method(s) 3510C: The following sample(s) formed emulsions during the extraction procedure: W-5-MW13C (490-48069-7). The emulsions were broken up using 147499.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 149131.

No other analytical or quality issues were noted.

**VOA Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## Job ID: 490-48069-2

**Laboratory: TestAmerica Nashville**

## Job ID: 490-48069-2 (Continued)

### Laboratory: TestAmerica Nashville (Continued)

**Narrative**

**Job Narrative**
**490-48069-2**

**Comments**
Complete Final
Supersedes report dated 3-17-14.

**Receipt**
The samples were received on 3/8/2014 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.1º C, 0.9º C, 1.0º C and 4.5º C.

Except:

2 unpreserved liters did not have the ID recorded on the label. Matched based upon sample date and time.

**GC/MS VOA**
Method(s) 8260B: The method blank for preparation batch 147683 contained Ethanol above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

No other analytical or quality issues were noted.

**GC VOA**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**GC Semi VOA**
Method(s) NWTPH-Dx: The method blank for preparation batch 147499 contained C24-C40 above the reporting limit (RL). None of the following samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed: W-48-MW4 (490-48069-1), W-20-MW13B (490-48069-6), W-15-SVE5 (490-48069-9).

Method(s) NWTPH-Dx: The following sample(s) contained a hydrocarbon pattern that most closely resembles a Gasoline product used by the laboratory for quantitative purposes: W-20-MW13B (490-48069-6).

No other analytical or quality issues were noted.

**Metals**
Method(s) 6010B: Due to the high concentration of Na, the matrix spike / matrix spike duplicate (MS/MSD) for batch 147026 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

**Organic Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**VOA Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| X | Surrogate is outside control limits |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CNF | Contains no Free Liquid |
| DER | Duplicate error ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision level concentration |
| MDA | Minimum detectable activity |
| EDL | Estimated Detection Limit |
| MDC | Minimum detectable concentration |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative error ratio |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

**Client Sample ID: W-48-MW4**
**Date Collected: 03/06/14 11:35**
**Date Received: 03/08/14 08:30**

**Lab Sample ID: 490-48069-1**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 1.00 | | ug/L | | | 03/14/14 15:58 | 1 |
| Toluene | ND | | 1.00 | | ug/L | | | 03/14/14 15:58 | 1 |
| Ethylbenzene | ND | | 1.00 | | ug/L | | | 03/14/14 15:58 | 1 |
| Xylenes, Total | ND | | 3.00 | | ug/L | | | 03/14/14 15:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | | *03/14/14 15:58* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *70 - 130* | | *03/14/14 15:58* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *70 - 130* | | *03/14/14 15:58* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *70 - 130* | | *03/14/14 15:58* | *1* |

### Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | ND | | 100 | | ug/L | | | 03/12/14 15:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *93* | | *50 - 150* | | *03/12/14 15:57* | *1* |

### Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | 93.5 | | ug/L | | 03/13/14 11:15 | 03/13/14 16:54 | 1 |
| C24-C40 | ND | | 93.5 | | ug/L | | 03/13/14 11:15 | 03/13/14 16:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *98* | | *50 - 150* | *03/13/14 11:15* | *03/13/14 16:54* | *1* |

### Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **10.2** | | 5.00 | | ug/L | | 03/12/14 10:34 | 03/13/14 18:59 | 1 |

### Method: 6010C - Metals (ICP) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **7.80** | | 5.00 | | ug/L | | 03/11/14 13:44 | 03/12/14 16:59 | 1 |

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

**Client Sample ID: W-40-MW5**
**Date Collected: 03/06/14 13:15**
**Date Received: 03/08/14 08:30**

**Lab Sample ID: 490-48069-2**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 1.00 | | ug/L | | | 03/14/14 17:22 | 1 |
| Toluene | ND | | 1.00 | | ug/L | | | 03/14/14 17:22 | 1 |
| Ethylbenzene | ND | | 1.00 | | ug/L | | | 03/14/14 17:22 | 1 |
| Xylenes, Total | ND | | 3.00 | | ug/L | | | 03/14/14 17:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | | *03/14/14 17:22* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *70 - 130* | | *03/14/14 17:22* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *70 - 130* | | *03/14/14 17:22* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* | | *03/14/14 17:22* | *1* |

### Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | ND | | 100 | | ug/L | | | 03/12/14 16:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *96* | | *50 - 150* | | *03/12/14 16:31* | *1* |

### Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | 94.3 | | ug/L | | 03/20/14 15:02 | 03/21/14 14:23 | 1 |
| C24-C40 | ND | | 94.3 | | ug/L | | 03/20/14 15:02 | 03/21/14 14:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *70* | | *50 - 150* | *03/20/14 15:02* | *03/21/14 14:23* | *1* |

### Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **12.5** | | 5.00 | | ug/L | | 03/12/14 10:34 | 03/13/14 19:03 | 1 |

### Method: 6010C - Metals (ICP) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **8.40** | | 5.00 | | ug/L | | 03/11/14 13:44 | 03/12/14 17:03 | 1 |

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

**Client Sample ID: W-48-MW6**
**Date Collected: 03/06/14 13:50**
**Date Received: 03/08/14 08:30**

**Lab Sample ID: 490-48069-3**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 1.00 | | ug/L | | | 03/14/14 17:51 | 1 |
| Toluene | ND | | 1.00 | | ug/L | | | 03/14/14 17:51 | 1 |
| Ethylbenzene | ND | | 1.00 | | ug/L | | | 03/14/14 17:51 | 1 |
| Xylenes, Total | ND | | 3.00 | | ug/L | | | 03/14/14 17:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | | *03/14/14 17:51* | *1* |
| *Dibromofluoromethane (Surr)* | *98* | | *70 - 130* | | *03/14/14 17:51* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *70 - 130* | | *03/14/14 17:51* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* | | *03/14/14 17:51* | *1* |

### Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | ND | | 100 | | ug/L | | | 03/12/14 17:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *95* | | *50 - 150* | | *03/12/14 17:06* | *1* |

### Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | 93.5 | | ug/L | | 03/13/14 11:15 | 03/13/14 17:41 | 1 |
| C24-C40 | ND | | 93.5 | | ug/L | | 03/13/14 11:15 | 03/13/14 17:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *94* | | *50 - 150* | *03/13/14 11:15* | *03/13/14 17:41* | *1* |

### Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **6.80** | | 5.00 | | ug/L | | 03/12/14 10:34 | 03/13/14 19:06 | 1 |

### Method: 6010C - Metals (ICP) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | | ug/L | | 03/14/14 11:57 | 03/17/14 15:40 | 1 |

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

**Client Sample ID: W-49-MW8**
**Date Collected: 03/06/14 12:10**
**Date Received: 03/08/14 08:30**

**Lab Sample ID: 490-48069-4**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 1.00 | | ug/L | | | 03/14/14 18:19 | 1 |
| Toluene | ND | | 1.00 | | ug/L | | | 03/14/14 18:19 | 1 |
| Ethylbenzene | ND | | 1.00 | | ug/L | | | 03/14/14 18:19 | 1 |
| Xylenes, Total | ND | | 3.00 | | ug/L | | | 03/14/14 18:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | | *03/14/14 18:19* | *1* |
| *Dibromofluoromethane (Surr)* | *98* | | *70 - 130* | | *03/14/14 18:19* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *70 - 130* | | *03/14/14 18:19* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *70 - 130* | | *03/14/14 18:19* | *1* |

### Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | ND | | 100 | | ug/L | | | 03/12/14 17:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *93* | | *50 - 150* | | *03/12/14 17:40* | *1* |

### Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | 93.5 | | ug/L | | 03/13/14 11:15 | 03/13/14 17:57 | 1 |
| C24-C40 | ND | | 93.5 | | ug/L | | 03/13/14 11:15 | 03/13/14 17:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *79* | | *50 - 150* | *03/13/14 11:15* | *03/13/14 17:57* | *1* |

### Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **91.0** | | 50.0 | | ug/L | | 03/12/14 10:34 | 03/13/14 19:10 | 10 |

### Method: 6010C - Metals (ICP) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | | ug/L | | 03/14/14 11:57 | 03/17/14 15:43 | 1 |

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

**Client Sample ID: W-48-MW9**
**Date Collected: 03/06/14 11:05**
**Date Received: 03/08/14 08:30**

**Lab Sample ID: 490-48069-5**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 1.00 | | ug/L | | | 03/14/14 18:47 | 1 |
| Toluene | ND | | 1.00 | | ug/L | | | 03/14/14 18:47 | 1 |
| Ethylbenzene | ND | | 1.00 | | ug/L | | | 03/14/14 18:47 | 1 |
| Xylenes, Total | ND | | 3.00 | | ug/L | | | 03/14/14 18:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | | *03/14/14 18:47* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *70 - 130* | | *03/14/14 18:47* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *70 - 130* | | *03/14/14 18:47* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* | | *03/14/14 18:47* | *1* |

### Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | ND | | 100 | | ug/L | | | 03/12/14 18:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *96* | | *50 - 150* | | *03/12/14 18:15* | *1* |

### Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | 93.5 | | ug/L | | 03/13/14 11:15 | 03/13/14 18:12 | 1 |
| C24-C40 | ND | | 93.5 | | ug/L | | 03/13/14 11:15 | 03/13/14 18:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *94* | | *50 - 150* | *03/13/14 11:15* | *03/13/14 18:12* | *1* |

### Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **9.60** | | 5.00 | | ug/L | | 03/12/14 10:34 | 03/13/14 19:13 | 1 |

### Method: 6010C - Metals (ICP) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | | ug/L | | 03/14/14 11:57 | 03/17/14 15:46 | 1 |

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

**Client Sample ID: W-20-MW13B**
**Date Collected: 03/06/14 15:03**
**Date Received: 03/08/14 08:30**

**Lab Sample ID: 490-48069-6**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 2.60 | | 1.00 | | ug/L | | | 03/14/14 16:26 | 1 |
| Toluene | 9.44 | | 1.00 | | ug/L | | | 03/14/14 16:26 | 1 |
| Ethylbenzene | 28.6 | | 1.00 | | ug/L | | | 03/14/14 16:26 | 1 |
| Xylenes, Total | 65.7 | | 3.00 | | ug/L | | | 03/14/14 16:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *70 - 130* | | *03/14/14 16:26* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | | *03/14/14 16:26* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *70 - 130* | | *03/14/14 16:26* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* | | *03/14/14 16:26* | *1* |

### Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | 2860 | | 100 | | ug/L | | | 03/12/14 18:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *138* | | *50 - 150* | | *03/12/14 18:49* | *1* |

### Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | 1030 | | 93.5 | | ug/L | | 03/13/14 11:15 | 03/13/14 18:28 | 1 |
| C24-C40 | ND | | 93.5 | | ug/L | | 03/13/14 11:15 | 03/13/14 18:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *85* | | *50 - 150* | *03/13/14 11:15* | *03/13/14 18:28* | *1* |

### Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 12.1 | | 5.00 | | ug/L | | 03/11/14 13:25 | 03/13/14 04:15 | 1 |

### Method: 6010C - Metals (ICP) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 7.70 | | 5.00 | | ug/L | | 03/11/14 13:44 | 03/12/14 17:06 | 1 |

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

**Client Sample ID: W-5-MW13C**
**Date Collected: 03/06/14 15:45**
**Date Received: 03/08/14 08:30**

**Lab Sample ID: 490-48069-7**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 1.00 | | ug/L | | | 03/14/14 19:15 | 1 |
| Toluene | ND | | 1.00 | | ug/L | | | 03/14/14 19:15 | 1 |
| Ethylbenzene | ND | | 1.00 | | ug/L | | | 03/14/14 19:15 | 1 |
| Xylenes, Total | ND | | 3.00 | | ug/L | | | 03/14/14 19:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | | *03/14/14 19:15* | *1* |
| *Dibromofluoromethane (Surr)* | *98* | | *70 - 130* | | *03/14/14 19:15* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *70 - 130* | | *03/14/14 19:15* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* | | *03/14/14 19:15* | *1* |

### Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | ND | | 100 | | ug/L | | | 03/12/14 19:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *94* | | *50 - 150* | | *03/12/14 19:58* | *1* |

### Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | 94.3 | | ug/L | | 03/13/14 11:15 | 03/13/14 18:43 | 1 |
| C24-C40 | ND | | 94.3 | | ug/L | | 03/13/14 11:15 | 03/13/14 18:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *75* | | *50 - 150* | *03/13/14 11:15* | *03/13/14 18:43* | *1* |

### Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 50.0 | | ug/L | | 03/12/14 10:34 | 03/13/14 19:29 | 10 |

### Method: 6010C - Metals (ICP) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | | ug/L | | 03/14/14 11:57 | 03/17/14 15:49 | 1 |

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

**Client Sample ID: W-49-MW14**
**Date Collected: 03/06/14 16:10**
**Date Received: 03/08/14 08:30**

**Lab Sample ID: 490-48069-8**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 1.00 | | ug/L | | | 03/14/14 19:43 | 1 |
| Toluene | ND | | 1.00 | | ug/L | | | 03/14/14 19:43 | 1 |
| Ethylbenzene | ND | | 1.00 | | ug/L | | | 03/14/14 19:43 | 1 |
| Xylenes, Total | ND | | 3.00 | | ug/L | | | 03/14/14 19:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | | *03/14/14 19:43* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *70 - 130* | | *03/14/14 19:43* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *70 - 130* | | *03/14/14 19:43* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *70 - 130* | | *03/14/14 19:43* | *1* |

### Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | ND | | 100 | | ug/L | | | 03/12/14 20:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *95* | | *50 - 150* | | *03/12/14 20:33* | *1* |

### Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | 94.3 | | ug/L | | 03/13/14 11:15 | 03/13/14 18:59 | 1 |
| C24-C40 | ND | | 94.3 | | ug/L | | 03/13/14 11:15 | 03/13/14 18:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *97* | | *50 - 150* | *03/13/14 11:15* | *03/13/14 18:59* | *1* |

### Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **18.7** | | 5.00 | | ug/L | | 03/12/14 10:34 | 03/13/14 19:33 | 1 |

### Method: 6010C - Metals (ICP) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | | ug/L | | 03/14/14 11:57 | 03/17/14 15:52 | 1 |

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

**Client Sample ID: W-15-SVE5**
**Date Collected: 03/06/14 12:40**
**Date Received: 03/08/14 08:30**

**Lab Sample ID: 490-48069-9**
**Matrix: Ground Water**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 1.00 | | ug/L | | | 03/14/14 16:54 | 1 |
| Toluene | ND | | 1.00 | | ug/L | | | 03/14/14 16:54 | 1 |
| Ethylbenzene | ND | | 1.00 | | ug/L | | | 03/14/14 16:54 | 1 |
| Xylenes, Total | ND | | 3.00 | | ug/L | | | 03/14/14 16:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *70 - 130* | | *03/14/14 16:54* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | | *03/14/14 16:54* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *70 - 130* | | *03/14/14 16:54* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* | | *03/14/14 16:54* | *1* |

### Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | ND | | 100 | | ug/L | | | 03/12/14 21:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *94* | | *50 - 150* | | *03/12/14 21:07* | *1* |

### Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | 94.3 | | ug/L | | 03/13/14 11:15 | 03/13/14 19:14 | 1 |
| C24-C40 | ND | | 94.3 | | ug/L | | 03/13/14 11:15 | 03/13/14 19:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *73* | | *50 - 150* | *03/13/14 11:15* | *03/13/14 19:14* | *1* |

### Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **27.6** | | 5.00 | | ug/L | | 03/11/14 13:25 | 03/13/14 11:30 | 1 |

### Method: 6010C - Metals (ICP) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | | ug/L | | 03/11/14 13:44 | 03/12/14 17:10 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 490-147683/7**
**Matrix: Water**
**Analysis Batch: 147683**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 1.00 | | ug/L | | | 03/14/14 12:10 | 1 |
| Toluene | ND | | 1.00 | | ug/L | | | 03/14/14 12:10 | 1 |
| Ethylbenzene | ND | | 1.00 | | ug/L | | | 03/14/14 12:10 | 1 |
| Xylenes, Total | ND | | 3.00 | | ug/L | | | 03/14/14 12:10 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | | *03/14/14 12:10* | *1* |
| *Dibromofluoromethane (Surr)* | *98* | | *70 - 130* | | *03/14/14 12:10* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *70 - 130* | | *03/14/14 12:10* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *70 - 130* | | *03/14/14 12:10* | *1* |

**Lab Sample ID: LCS 490-147683/3**
**Matrix: Water**
**Analysis Batch: 147683**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 50.0 | 48.98 | | ug/L | | 98 | 80 - 121 |
| Toluene | 50.0 | 48.76 | | ug/L | | 98 | 80 - 126 |
| Ethylbenzene | 50.0 | 48.29 | | ug/L | | 97 | 80 - 130 |
| Xylenes, Total | 100 | 94.17 | | ug/L | | 94 | 80 - 132 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *Dibromofluoromethane (Surr)* | *98* | | *70 - 130* |
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *70 - 130* |
| *Toluene-d8 (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: LCSD 490-147683/4**
**Matrix: Water**
**Analysis Batch: 147683**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 50.0 | 49.40 | | ug/L | | 99 | 80 - 121 | 1 | 17 |
| Toluene | 50.0 | 49.25 | | ug/L | | 98 | 80 - 126 | 1 | 15 |
| Ethylbenzene | 50.0 | 50.18 | | ug/L | | 100 | 80 - 130 | 4 | 15 |
| Xylenes, Total | 100 | 102.8 | | ug/L | | 103 | 80 - 132 | 9 | 15 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *Dibromofluoromethane (Surr)* | *98* | | *70 - 130* |
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *70 - 130* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 490-48069-1 MS**
**Matrix: Ground Water**
**Analysis Batch: 147683**

**Client Sample ID: W-48-MW4**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 50.0 | 51.89 | | ug/L | | 104 | 75 - 133 |
| Toluene | ND | | 50.0 | 52.05 | | ug/L | | 104 | 75 - 136 |
| Ethylbenzene | ND | | 50.0 | 51.45 | | ug/L | | 103 | 79 - 139 |
| Xylenes, Total | ND | | 100 | 99.68 | | ug/L | | 100 | 74 - 141 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *Dibromofluoromethane (Surr)* | *99* | | *70 - 130* |
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *70 - 130* |
| *Toluene-d8 (Surr)* | *100* | | *70 - 130* |

**Lab Sample ID: 490-48069-1 MSD**
**Matrix: Ground Water**
**Analysis Batch: 147683**

**Client Sample ID: W-48-MW4**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 50.0 | 53.96 | | ug/L | | 108 | 75 - 133 | 4 | 17 |
| Toluene | ND | | 50.0 | 53.46 | | ug/L | | 107 | 75 - 136 | 3 | 15 |
| Ethylbenzene | ND | | 50.0 | 53.39 | | ug/L | | 107 | 79 - 139 | 4 | 15 |
| Xylenes, Total | ND | | 100 | 106.4 | | ug/L | | 106 | 74 - 141 | 7 | 15 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* |
| *Dibromofluoromethane (Surr)* | *101* | | *70 - 130* |
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *70 - 130* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: 490-48069-B-1 MS**
**Matrix: Water**
**Analysis Batch: 147683**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 50.0 | 51.89 | | ug/L | | 104 | 75 - 133 |
| Toluene | ND | | 50.0 | 52.05 | | ug/L | | 104 | 75 - 136 |
| Ethylbenzene | ND | | 50.0 | 51.45 | | ug/L | | 103 | 79 - 139 |
| Xylenes, Total | ND | | 100 | 99.68 | | ug/L | | 100 | 74 - 141 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *70 - 130* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *Dibromofluoromethane (Surr)* | *99* | | *70 - 130* |
| *Toluene-d8 (Surr)* | *100* | | *70 - 130* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 490-48069-C-1 MSD**
**Matrix: Water**
**Analysis Batch: 147683**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 50.0 | 53.96 | | ug/L | | 108 | 75 - 133 | 4 | 17 |
| Toluene | ND | | 50.0 | 53.46 | | ug/L | | 107 | 75 - 136 | 3 | 15 |
| Ethylbenzene | ND | | 50.0 | 53.39 | | ug/L | | 107 | 79 - 139 | 4 | 15 |
| Xylenes, Total | ND | | 100 | 106.4 | | ug/L | | 106 | 74 - 141 | 7 | 15 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *70 - 130* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* |
| *Dibromofluoromethane (Surr)* | *101* | | *70 - 130* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* |

## Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

**Lab Sample ID: MB 490-147135/7**
**Matrix: Water**
**Analysis Batch: 147135**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | ND | | 100 | | ug/L | | | 03/12/14 12:18 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *96* | | *50 - 150* | | *03/12/14 12:18* | *1* |

**Lab Sample ID: LCS 490-147135/5**
**Matrix: Water**
**Analysis Batch: 147135**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | | | 1000 | 1044 | | ug/L | | 104 | 39 - 143 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *98* | | *50 - 150* |

**Lab Sample ID: 490-48069-6 DU**
**Matrix: Ground Water**
**Analysis Batch: 147135**

**Client Sample ID: W-20-MW13B**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | 2860 | | | 3008 | | ug/L | | | | 5 | 18 |

| *Surrogate* | *DU %Recovery* | *DU Qualifier* | *Limits* |
|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *139* | | *50 - 150* |

## Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

**Lab Sample ID: 490-48069-H-6 DU**
**Matrix: Water**
**Analysis Batch: 147135**

**Client Sample ID: Duplicate**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C6-C12 | 2860 | | | 3008 | | ug/L | | | | 5 | 18 |

| *Surrogate* | *DU %Recovery* | *DU Qualifier* | *Limits* |
|---|---|---|---|
| *a,a,a-Trifluorotoluene* | *139* | | *50 - 150* |

## Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

**Lab Sample ID: MB 490-147499/1-A**
**Matrix: Water**
**Analysis Batch: 147518**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 147499**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | 100 | | ug/L | | 03/13/14 11:15 | 03/13/14 16:23 | 1 |
| C24-C40 | 388.1 | | 100 | | ug/L | | 03/13/14 11:15 | 03/13/14 16:23 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *88* | | *50 - 150* | *03/13/14 11:15* | *03/13/14 16:23* | *1* |

**Lab Sample ID: LCS 490-147499/2-A**
**Matrix: Water**
**Analysis Batch: 147518**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 147499**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | | | 1000 | 905.1 | | ug/L | | 91 | 51 - 132 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *o-Terphenyl* | *98* | | *50 - 150* |

**Lab Sample ID: 490-48069-1 DU**
**Matrix: Ground Water**
**Analysis Batch: 147518**

**Client Sample ID: W-48-MW4**
**Prep Type: Total/NA**
**Prep Batch: 147499**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | | ND | | ug/L | | | | 15 | 41 |
| C24-C40 | ND | | | ND | | ug/L | | | | NC | 41 |

| *Surrogate* | *DU %Recovery* | *DU Qualifier* | *Limits* |
|---|---|---|---|
| *o-Terphenyl* | *96* | | *50 - 150* |

**Lab Sample ID: 490-48069-J-1-A DU**
**Matrix: Water**
**Analysis Batch: 147518**

**Client Sample ID: Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 147499**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | | ND | | ug/L | | | | 15 | 41 |
| C24-C40 | ND | | | ND | | ug/L | | | | NC | 41 |

## Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

**Lab Sample ID: 490-48069-J-1-A DU**
**Matrix: Water**
**Analysis Batch: 147518**

**Client Sample ID: Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 147499**

| Surrogate | DU %Recovery | DU Qualifier | Limits |
|---|---|---|---|
| *o-Terphenyl* | *96* | | *50 - 150* |

**Lab Sample ID: MB 490-149131/1-A**
**Matrix: Water**
**Analysis Batch: 149232**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 149131**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | ND | | 100 | | ug/L | | 03/20/14 15:02 | 03/21/14 13:52 | 1 |
| C24-C40 | 144.8 | | 100 | | ug/L | | 03/20/14 15:02 | 03/21/14 13:52 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *o-Terphenyl* | *102* | | *50 - 150* | *03/20/14 15:02* | *03/21/14 13:52* | *1* |

**Lab Sample ID: LCS 490-149131/2-A**
**Matrix: Water**
**Analysis Batch: 149232**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 149131**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | | | 1000 | 968.9 | | ug/L | | 97 | 51 - 132 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *o-Terphenyl* | *106* | | *50 - 150* |

**Lab Sample ID: 490-48260-H-1-A DU**
**Matrix: Water**
**Analysis Batch: 149232**

**Client Sample ID: Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 149131**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C24 | 353 | | | 278.3 | | ug/L | | | | 24 | 41 |
| C24-C40 | 179 | B | | 174.9 | | ug/L | | | | 3 | 41 |

| Surrogate | DU %Recovery | DU Qualifier | Limits |
|---|---|---|---|
| *o-Terphenyl* | *40* | *X* | *50 - 150* |

## Method: 6010C - Metals (ICP)

**Lab Sample ID: MB 490-147026/1-A**
**Matrix: Water**
**Analysis Batch: 147411**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 147026**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | | ug/L | | 03/11/14 13:25 | 03/13/14 02:28 | 1 |

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: LCS 490-147026/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 147411** — **Prep Batch: 147026**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 50.0 | 51.10 | | ug/L | | 102 | 80 - 120 | | |

**Lab Sample ID: LCSD 490-147026/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 147411** — **Prep Batch: 147026**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 50.0 | 49.70 | | ug/L | | 99 | 80 - 120 | 3 | 20 |

**Lab Sample ID: 490-47906-G-8-B MS** — **Client Sample ID: Matrix Spike**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 147411** — **Prep Batch: 147026**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 8.00 | | 50.0 | 58.10 | | ug/L | | 100 | 75 - 125 | | |

**Lab Sample ID: 490-47906-G-8-C MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 147411** — **Prep Batch: 147026**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 8.00 | | 50.0 | 56.20 | | ug/L | | 96 | 75 - 125 | 3 | 20 |

**Lab Sample ID: MB 490-147193/1-A** — **Client Sample ID: Method Blank**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 147736** — **Prep Batch: 147193**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | | ug/L | | 03/12/14 10:34 | 03/13/14 18:15 | 1 |

**Lab Sample ID: LCS 490-147193/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 147736** — **Prep Batch: 147193**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 50.0 | 49.80 | | ug/L | | 100 | 80 - 120 | | |

**Lab Sample ID: 490-47930-H-1-B MS** — **Client Sample ID: Matrix Spike**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 147736** — **Prep Batch: 147193**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 5.60 | | 50.0 | 55.80 | | ug/L | | 100 | 75 - 125 | | |

**Lab Sample ID: 490-47930-H-1-C MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 147736** — **Prep Batch: 147193**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 5.60 | | 50.0 | 56.40 | | ug/L | | 102 | 75 - 125 | 1 | 20 |

**Lab Sample ID: MB 490-147029/1-B**
**Matrix: Water**
**Analysis Batch: 147409**

**Client Sample ID: Method Blank**
**Prep Type: Dissolved**
**Prep Batch: 147031**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | | ug/L | | 03/11/14 13:44 | 03/12/14 15:56 | 1 |

**Lab Sample ID: LCS 490-147029/2-B**
**Matrix: Water**
**Analysis Batch: 147409**

**Client Sample ID: Lab Control Sample**
**Prep Type: Dissolved**
**Prep Batch: 147031**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 50.0 | 52.80 | | ug/L | | 106 | 80 - 120 | | |

**Lab Sample ID: LCSD 490-147029/3-B**
**Matrix: Water**
**Analysis Batch: 147409**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Dissolved**
**Prep Batch: 147031**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 50.0 | 53.20 | | ug/L | | 106 | 80 - 120 | 1 | 20 |

**Lab Sample ID: MB 490-147790/1-B**
**Matrix: Water**
**Analysis Batch: 148261**

**Client Sample ID: Method Blank**
**Prep Type: Dissolved**
**Prep Batch: 147795**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | | ug/L | | 03/14/14 11:57 | 03/17/14 15:20 | 1 |

**Lab Sample ID: LCS 490-147790/2-B**
**Matrix: Water**
**Analysis Batch: 148261**

**Client Sample ID: Lab Control Sample**
**Prep Type: Dissolved**
**Prep Batch: 147795**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 50.0 | 51.10 | | ug/L | | 102 | 80 - 120 | | |

**Lab Sample ID: LCSD 490-147790/3-B**
**Matrix: Water**
**Analysis Batch: 148261**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Dissolved**
**Prep Batch: 147795**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 50.0 | 51.70 | | ug/L | | 103 | 80 - 120 | 1 | 20 |

## GC/MS VOA

### Analysis Batch: 147683

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-1 | W-48-MW4 | Total/NA | Ground Water | 8260B | |
| 490-48069-1 MS | W-48-MW4 | Total/NA | Ground Water | 8260B | |
| 490-48069-1 MSD | W-48-MW4 | Total/NA | Ground Water | 8260B | |
| 490-48069-2 | W-40-MW5 | Total/NA | Ground Water | 8260B | |
| 490-48069-3 | W-48-MW6 | Total/NA | Ground Water | 8260B | |
| 490-48069-4 | W-49-MW8 | Total/NA | Ground Water | 8260B | |
| 490-48069-5 | W-48-MW9 | Total/NA | Ground Water | 8260B | |
| 490-48069-6 | W-20-MW13B | Total/NA | Ground Water | 8260B | |
| 490-48069-7 | W-5-MW13C | Total/NA | Ground Water | 8260B | |
| 490-48069-8 | W-49-MW14 | Total/NA | Ground Water | 8260B | |
| 490-48069-9 | W-15-SVE5 | Total/NA | Ground Water | 8260B | |
| 490-48069-B-1 MS | Matrix Spike | Total/NA | Water | 8260B | |
| 490-48069-C-1 MSD | Matrix Spike Duplicate | Total/NA | Water | 8260B | |
| LCS 490-147683/3 | Lab Control Sample | Total/NA | Water | 8260B | |
| LCSD 490-147683/4 | Lab Control Sample Dup | Total/NA | Water | 8260B | |
| MB 490-147683/7 | Method Blank | Total/NA | Water | 8260B | |

## GC VOA

### Analysis Batch: 147135

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-1 | W-48-MW4 | Total/NA | Ground Water | NWTPH-Gx | |
| 490-48069-2 | W-40-MW5 | Total/NA | Ground Water | NWTPH-Gx | |
| 490-48069-3 | W-48-MW6 | Total/NA | Ground Water | NWTPH-Gx | |
| 490-48069-4 | W-49-MW8 | Total/NA | Ground Water | NWTPH-Gx | |
| 490-48069-5 | W-48-MW9 | Total/NA | Ground Water | NWTPH-Gx | |
| 490-48069-6 | W-20-MW13B | Total/NA | Ground Water | NWTPH-Gx | |
| 490-48069-6 DU | W-20-MW13B | Total/NA | Ground Water | NWTPH-Gx | |
| 490-48069-7 | W-5-MW13C | Total/NA | Ground Water | NWTPH-Gx | |
| 490-48069-8 | W-49-MW14 | Total/NA | Ground Water | NWTPH-Gx | |
| 490-48069-9 | W-15-SVE5 | Total/NA | Ground Water | NWTPH-Gx | |
| 490-48069-H-6 DU | Duplicate | Total/NA | Water | NWTPH-Gx | |
| LCS 490-147135/5 | Lab Control Sample | Total/NA | Water | NWTPH-Gx | |
| MB 490-147135/7 | Method Blank | Total/NA | Water | NWTPH-Gx | |

## GC Semi VOA

### Prep Batch: 147499

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-1 | W-48-MW4 | Total/NA | Ground Water | 3510C | |
| 490-48069-1 DU | W-48-MW4 | Total/NA | Ground Water | 3510C | |
| 490-48069-3 | W-48-MW6 | Total/NA | Ground Water | 3510C | |
| 490-48069-4 | W-49-MW8 | Total/NA | Ground Water | 3510C | |
| 490-48069-5 | W-48-MW9 | Total/NA | Ground Water | 3510C | |
| 490-48069-6 | W-20-MW13B | Total/NA | Ground Water | 3510C | |
| 490-48069-7 | W-5-MW13C | Total/NA | Ground Water | 3510C | |
| 490-48069-8 | W-49-MW14 | Total/NA | Ground Water | 3510C | |
| 490-48069-9 | W-15-SVE5 | Total/NA | Ground Water | 3510C | |
| 490-48069-J-1-A DU | Duplicate | Total/NA | Water | 3510C | |
| LCS 490-147499/2-A | Lab Control Sample | Total/NA | Water | 3510C | |

## GC Semi VOA (Continued)

### Prep Batch: 147499 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 490-147499/1-A | Method Blank | Total/NA | Water | 3510C | |

### Analysis Batch: 147518

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-1 | W-48-MW4 | Total/NA | Ground Water | NWTPH-Dx | 147499 |
| 490-48069-1 DU | W-48-MW4 | Total/NA | Ground Water | NWTPH-Dx | 147499 |
| 490-48069-3 | W-48-MW6 | Total/NA | Ground Water | NWTPH-Dx | 147499 |
| 490-48069-4 | W-49-MW8 | Total/NA | Ground Water | NWTPH-Dx | 147499 |
| 490-48069-5 | W-48-MW9 | Total/NA | Ground Water | NWTPH-Dx | 147499 |
| 490-48069-6 | W-20-MW13B | Total/NA | Ground Water | NWTPH-Dx | 147499 |
| 490-48069-7 | W-5-MW13C | Total/NA | Ground Water | NWTPH-Dx | 147499 |
| 490-48069-8 | W-49-MW14 | Total/NA | Ground Water | NWTPH-Dx | 147499 |
| 490-48069-9 | W-15-SVE5 | Total/NA | Ground Water | NWTPH-Dx | 147499 |
| 490-48069-J-1-A DU | Duplicate | Total/NA | Water | NWTPH-Dx | 147499 |
| LCS 490-147499/2-A | Lab Control Sample | Total/NA | Water | NWTPH-Dx | 147499 |
| MB 490-147499/1-A | Method Blank | Total/NA | Water | NWTPH-Dx | 147499 |

### Prep Batch: 149131

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-2 | W-40-MW5 | Total/NA | Ground Water | 3510C | |
| 490-48260-H-1-A DU | Duplicate | Total/NA | Water | 3510C | |
| LCS 490-149131/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| MB 490-149131/1-A | Method Blank | Total/NA | Water | 3510C | |

### Analysis Batch: 149232

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-2 | W-40-MW5 | Total/NA | Ground Water | NWTPH-Dx | 149131 |
| 490-48260-H-1-A DU | Duplicate | Total/NA | Water | NWTPH-Dx | 149131 |
| LCS 490-149131/2-A | Lab Control Sample | Total/NA | Water | NWTPH-Dx | 149131 |
| MB 490-149131/1-A | Method Blank | Total/NA | Water | NWTPH-Dx | 149131 |

## Metals

### Prep Batch: 147026

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-47906-G-8-B MS | Matrix Spike | Total/NA | Water | 3010A | |
| 490-47906-G-8-C MSD | Matrix Spike Duplicate | Total/NA | Water | 3010A | |
| 490-48069-6 | W-20-MW13B | Total/NA | Ground Water | 3010A | |
| 490-48069-9 | W-15-SVE5 | Total/NA | Ground Water | 3010A | |
| LCS 490-147026/2-A | Lab Control Sample | Total/NA | Water | 3010A | |
| LCSD 490-147026/3-A | Lab Control Sample Dup | Total/NA | Water | 3010A | |
| MB 490-147026/1-A | Method Blank | Total/NA | Water | 3010A | |

### Filtration Batch: 147029

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-1 | W-48-MW4 | Dissolved | Ground Water | Filtration | |
| 490-48069-2 | W-40-MW5 | Dissolved | Ground Water | Filtration | |
| 490-48069-6 | W-20-MW13B | Dissolved | Ground Water | Filtration | |
| 490-48069-9 | W-15-SVE5 | Dissolved | Ground Water | Filtration | |
| LCS 490-147029/2-B | Lab Control Sample | Dissolved | Water | Filtration | |

## Metals (Continued)

### Filtration Batch: 147029 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCSD 490-147029/3-B | Lab Control Sample Dup | Dissolved | Water | Filtration | |
| MB 490-147029/1-B | Method Blank | Dissolved | Water | Filtration | |

### Prep Batch: 147031

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-1 | W-48-MW4 | Dissolved | Ground Water | 3005A | 147029 |
| 490-48069-2 | W-40-MW5 | Dissolved | Ground Water | 3005A | 147029 |
| 490-48069-6 | W-20-MW13B | Dissolved | Ground Water | 3005A | 147029 |
| 490-48069-9 | W-15-SVE5 | Dissolved | Ground Water | 3005A | 147029 |
| LCS 490-147029/2-B | Lab Control Sample | Dissolved | Water | 3005A | 147029 |
| LCSD 490-147029/3-B | Lab Control Sample Dup | Dissolved | Water | 3005A | 147029 |
| MB 490-147029/1-B | Method Blank | Dissolved | Water | 3005A | 147029 |

### Prep Batch: 147193

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-47930-H-1-B MS | Matrix Spike | Total/NA | Water | 3010A | |
| 490-47930-H-1-C MSD | Matrix Spike Duplicate | Total/NA | Water | 3010A | |
| 490-48069-1 | W-48-MW4 | Total/NA | Ground Water | 3010A | |
| 490-48069-2 | W-40-MW5 | Total/NA | Ground Water | 3010A | |
| 490-48069-3 | W-48-MW6 | Total/NA | Ground Water | 3010A | |
| 490-48069-4 | W-49-MW8 | Total/NA | Ground Water | 3010A | |
| 490-48069-5 | W-48-MW9 | Total/NA | Ground Water | 3010A | |
| 490-48069-7 | W-5-MW13C | Total/NA | Ground Water | 3010A | |
| 490-48069-8 | W-49-MW14 | Total/NA | Ground Water | 3010A | |
| LCS 490-147193/2-A | Lab Control Sample | Total/NA | Water | 3010A | |
| MB 490-147193/1-A | Method Blank | Total/NA | Water | 3010A | |

### Analysis Batch: 147409

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-1 | W-48-MW4 | Dissolved | Ground Water | 6010C | 147031 |
| 490-48069-2 | W-40-MW5 | Dissolved | Ground Water | 6010C | 147031 |
| 490-48069-6 | W-20-MW13B | Dissolved | Ground Water | 6010C | 147031 |
| 490-48069-9 | W-15-SVE5 | Dissolved | Ground Water | 6010C | 147031 |
| LCS 490-147029/2-B | Lab Control Sample | Dissolved | Water | 6010C | 147031 |
| LCSD 490-147029/3-B | Lab Control Sample Dup | Dissolved | Water | 6010C | 147031 |
| MB 490-147029/1-B | Method Blank | Dissolved | Water | 6010C | 147031 |

### Analysis Batch: 147411

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-47906-G-8-B MS | Matrix Spike | Total/NA | Water | 6010C | 147026 |
| 490-47906-G-8-C MSD | Matrix Spike Duplicate | Total/NA | Water | 6010C | 147026 |
| 490-48069-6 | W-20-MW13B | Total/NA | Ground Water | 6010C | 147026 |
| LCS 490-147026/2-A | Lab Control Sample | Total/NA | Water | 6010C | 147026 |
| LCSD 490-147026/3-A | Lab Control Sample Dup | Total/NA | Water | 6010C | 147026 |
| MB 490-147026/1-A | Method Blank | Total/NA | Water | 6010C | 147026 |

### Analysis Batch: 147553

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-9 | W-15-SVE5 | Total/NA | Ground Water | 6010C | 147026 |

## Metals (Continued)

### Analysis Batch: 147736

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-47930-H-1-B MS | Matrix Spike | Total/NA | Water | 6010C | 147193 |
| 490-47930-H-1-C MSD | Matrix Spike Duplicate | Total/NA | Water | 6010C | 147193 |
| 490-48069-1 | W-48-MW4 | Total/NA | Ground Water | 6010C | 147193 |
| 490-48069-2 | W-40-MW5 | Total/NA | Ground Water | 6010C | 147193 |
| 490-48069-3 | W-48-MW6 | Total/NA | Ground Water | 6010C | 147193 |
| 490-48069-4 | W-49-MW8 | Total/NA | Ground Water | 6010C | 147193 |
| 490-48069-5 | W-48-MW9 | Total/NA | Ground Water | 6010C | 147193 |
| 490-48069-7 | W-5-MW13C | Total/NA | Ground Water | 6010C | 147193 |
| 490-48069-8 | W-49-MW14 | Total/NA | Ground Water | 6010C | 147193 |
| LCS 490-147193/2-A | Lab Control Sample | Total/NA | Water | 6010C | 147193 |
| MB 490-147193/1-A | Method Blank | Total/NA | Water | 6010C | 147193 |

### Filtration Batch: 147790

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-3 | W-48-MW6 | Dissolved | Ground Water | Filtration | |
| 490-48069-4 | W-49-MW8 | Dissolved | Ground Water | Filtration | |
| 490-48069-5 | W-48-MW9 | Dissolved | Ground Water | Filtration | |
| 490-48069-7 | W-5-MW13C | Dissolved | Ground Water | Filtration | |
| 490-48069-8 | W-49-MW14 | Dissolved | Ground Water | Filtration | |
| LCS 490-147790/2-B | Lab Control Sample | Dissolved | Water | Filtration | |
| LCSD 490-147790/3-B | Lab Control Sample Dup | Dissolved | Water | Filtration | |
| MB 490-147790/1-B | Method Blank | Dissolved | Water | Filtration | |

### Prep Batch: 147795

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-3 | W-48-MW6 | Dissolved | Ground Water | 3005A | 147790 |
| 490-48069-4 | W-49-MW8 | Dissolved | Ground Water | 3005A | 147790 |
| 490-48069-5 | W-48-MW9 | Dissolved | Ground Water | 3005A | 147790 |
| 490-48069-7 | W-5-MW13C | Dissolved | Ground Water | 3005A | 147790 |
| 490-48069-8 | W-49-MW14 | Dissolved | Ground Water | 3005A | 147790 |
| LCS 490-147790/2-B | Lab Control Sample | Dissolved | Water | 3005A | 147790 |
| LCSD 490-147790/3-B | Lab Control Sample Dup | Dissolved | Water | 3005A | 147790 |
| MB 490-147790/1-B | Method Blank | Dissolved | Water | 3005A | 147790 |

### Analysis Batch: 148261

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 490-48069-3 | W-48-MW6 | Dissolved | Ground Water | 6010C | 147795 |
| 490-48069-4 | W-49-MW8 | Dissolved | Ground Water | 6010C | 147795 |
| 490-48069-5 | W-48-MW9 | Dissolved | Ground Water | 6010C | 147795 |
| 490-48069-7 | W-5-MW13C | Dissolved | Ground Water | 6010C | 147795 |
| 490-48069-8 | W-49-MW14 | Dissolved | Ground Water | 6010C | 147795 |
| LCS 490-147790/2-B | Lab Control Sample | Dissolved | Water | 6010C | 147795 |
| LCSD 490-147790/3-B | Lab Control Sample Dup | Dissolved | Water | 6010C | 147795 |
| MB 490-147790/1-B | Method Blank | Dissolved | Water | 6010C | 147795 |

## Client Sample ID: W-48-MW4

**Date Collected: 03/06/14 11:35**
**Date Received: 03/08/14 08:30**

## Lab Sample ID: 490-48069-1

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 147683 | 03/14/14 15:58 | JJR | TAL NSH |
| Total/NA | Analysis | NWTPH-Gx | | 1 | 5 mL | 5 mL | 147135 | 03/12/14 15:57 | KML | TAL NSH |
| Total/NA | Prep | 3510C | | | 1070 mL | 1 mL | 147499 | 03/13/14 11:15 | CLH | TAL NSH |
| Total/NA | Analysis | NWTPH-Dx | | 1 | 1070 mL | 1 mL | 147518 | 03/13/14 16:54 | JPS | TAL NSH |
| Dissolved | Filtration | Filtration | | | 50 mL | 50 mL | 147029 | 03/11/14 13:40 | JBD | TAL NSH |
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 147031 | 03/11/14 13:44 | JBD | TAL NSH |
| Dissolved | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147409 | 03/12/14 16:59 | DBK | TAL NSH |
| Total/NA | Prep | 3010A | | | 50 mL | 50 mL | 147193 | 03/12/14 10:34 | JBD | TAL NSH |
| Total/NA | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147736 | 03/13/14 18:59 | DBK | TAL NSH |

## Client Sample ID: W-40-MW5

**Date Collected: 03/06/14 13:15**
**Date Received: 03/08/14 08:30**

## Lab Sample ID: 490-48069-2

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 147683 | 03/14/14 17:22 | JJR | TAL NSH |
| Total/NA | Analysis | NWTPH-Gx | | 1 | 5 mL | 5 mL | 147135 | 03/12/14 16:31 | KML | TAL NSH |
| Total/NA | Prep | 3510C | | | 1060 mL | 1 mL | 149131 | 03/20/14 15:02 | RCH | TAL NSH |
| Total/NA | Analysis | NWTPH-Dx | | 1 | 1060 mL | 1 mL | 149232 | 03/21/14 14:23 | GMH | TAL NSH |
| Dissolved | Filtration | Filtration | | | 50 mL | 50 mL | 147029 | 03/11/14 13:40 | JBD | TAL NSH |
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 147031 | 03/11/14 13:44 | JBD | TAL NSH |
| Dissolved | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147409 | 03/12/14 17:03 | DBK | TAL NSH |
| Total/NA | Prep | 3010A | | | 50 mL | 50 mL | 147193 | 03/12/14 10:34 | JBD | TAL NSH |
| Total/NA | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147736 | 03/13/14 19:03 | DBK | TAL NSH |

## Client Sample ID: W-48-MW6

**Date Collected: 03/06/14 13:50**
**Date Received: 03/08/14 08:30**

## Lab Sample ID: 490-48069-3

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 147683 | 03/14/14 17:51 | JJR | TAL NSH |
| Total/NA | Analysis | NWTPH-Gx | | 1 | 5 mL | 5 mL | 147135 | 03/12/14 17:06 | KML | TAL NSH |
| Total/NA | Prep | 3510C | | | 1070 mL | 1 mL | 147499 | 03/13/14 11:15 | CLH | TAL NSH |
| Total/NA | Analysis | NWTPH-Dx | | 1 | 1070 mL | 1 mL | 147518 | 03/13/14 17:41 | JPS | TAL NSH |
| Dissolved | Filtration | Filtration | | | 50 mL | 50 mL | 147790 | 03/14/14 11:52 | JBD | TAL NSH |
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 147795 | 03/14/14 11:57 | JBD | TAL NSH |
| Dissolved | Analysis | 6010C | | 1 | 50 mL | 50 mL | 148261 | 03/17/14 15:40 | LTB | TAL NSH |
| Total/NA | Prep | 3010A | | | 50 mL | 50 mL | 147193 | 03/12/14 10:34 | JBD | TAL NSH |
| Total/NA | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147736 | 03/13/14 19:06 | DBK | TAL NSH |

# Lab Chronicle

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

## Client Sample ID: W-49-MW8

**Date Collected: 03/06/14 12:10**
**Date Received: 03/08/14 08:30**

## Lab Sample ID: 490-48069-4

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 147683 | 03/14/14 18:19 | JJR | TAL NSH |
| Total/NA | Analysis | NWTPH-Gx | | 1 | 5 mL | 5 mL | 147135 | 03/12/14 17:40 | KML | TAL NSH |
| Total/NA | Prep | 3510C | | | 1070 mL | 1 mL | 147499 | 03/13/14 11:15 | CLH | TAL NSH |
| Total/NA | Analysis | NWTPH-Dx | | 1 | 1070 mL | 1 mL | 147518 | 03/13/14 17:57 | JPS | TAL NSH |
| Dissolved | Filtration | Filtration | | | 50 mL | 50 mL | 147790 | 03/14/14 11:52 | JBD | TAL NSH |
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 147795 | 03/14/14 11:57 | JBD | TAL NSH |
| Dissolved | Analysis | 6010C | | 1 | 50 mL | 50 mL | 148261 | 03/17/14 15:43 | LTB | TAL NSH |
| Total/NA | Prep | 3010A | | | 50 mL | 50 mL | 147193 | 03/12/14 10:34 | JBD | TAL NSH |
| Total/NA | Analysis | 6010C | | 10 | 50 mL | 50 mL | 147736 | 03/13/14 19:10 | DBK | TAL NSH |

## Client Sample ID: W-48-MW9

**Date Collected: 03/06/14 11:05**
**Date Received: 03/08/14 08:30**

## Lab Sample ID: 490-48069-5

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 147683 | 03/14/14 18:47 | JJR | TAL NSH |
| Total/NA | Analysis | NWTPH-Gx | | 1 | 5 mL | 5 mL | 147135 | 03/12/14 18:15 | KML | TAL NSH |
| Total/NA | Prep | 3510C | | | 1070 mL | 1 mL | 147499 | 03/13/14 11:15 | CLH | TAL NSH |
| Total/NA | Analysis | NWTPH-Dx | | 1 | 1070 mL | 1 mL | 147518 | 03/13/14 18:12 | JPS | TAL NSH |
| Dissolved | Filtration | Filtration | | | 50 mL | 50 mL | 147790 | 03/14/14 11:52 | JBD | TAL NSH |
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 147795 | 03/14/14 11:57 | JBD | TAL NSH |
| Dissolved | Analysis | 6010C | | 1 | 50 mL | 50 mL | 148261 | 03/17/14 15:46 | LTB | TAL NSH |
| Total/NA | Prep | 3010A | | | 50 mL | 50 mL | 147193 | 03/12/14 10:34 | JBD | TAL NSH |
| Total/NA | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147736 | 03/13/14 19:13 | DBK | TAL NSH |

## Client Sample ID: W-20-MW13B

**Date Collected: 03/06/14 15:03**
**Date Received: 03/08/14 08:30**

## Lab Sample ID: 490-48069-6

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 147683 | 03/14/14 16:26 | JJR | TAL NSH |
| Total/NA | Analysis | NWTPH-Gx | | 1 | 5 mL | 5 mL | 147135 | 03/12/14 18:49 | KML | TAL NSH |
| Total/NA | Prep | 3510C | | | 1070 mL | 1 mL | 147499 | 03/13/14 11:15 | CLH | TAL NSH |
| Total/NA | Analysis | NWTPH-Dx | | 1 | 1070 mL | 1 mL | 147518 | 03/13/14 18:28 | JPS | TAL NSH |
| Dissolved | Filtration | Filtration | | | 50 mL | 50 mL | 147029 | 03/11/14 13:40 | JBD | TAL NSH |
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 147031 | 03/11/14 13:44 | JBD | TAL NSH |
| Dissolved | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147409 | 03/12/14 17:06 | DBK | TAL NSH |
| Total/NA | Prep | 3010A | | | 50 mL | 50 mL | 147026 | 03/11/14 13:25 | JBD | TAL NSH |
| Total/NA | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147411 | 03/13/14 04:15 | DBK | TAL NSH |

# Lab Chronicle

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

## Client Sample ID: W-5-MW13C

**Date Collected: 03/06/14 15:45**
**Date Received: 03/08/14 08:30**

## Lab Sample ID: 490-48069-7

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 147683 | 03/14/14 19:15 | JJR | TAL NSH |
| Total/NA | Analysis | NWTPH-Gx | | 1 | 5 mL | 5 mL | 147135 | 03/12/14 19:58 | KML | TAL NSH |
| Total/NA | Prep | 3510C | | | 1060 mL | 1 mL | 147499 | 03/13/14 11:15 | CLH | TAL NSH |
| Total/NA | Analysis | NWTPH-Dx | | 1 | 1060 mL | 1 mL | 147518 | 03/13/14 18:43 | JPS | TAL NSH |
| Dissolved | Filtration | Filtration | | | 50 mL | 50 mL | 147790 | 03/14/14 11:52 | JBD | TAL NSH |
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 147795 | 03/14/14 11:57 | JBD | TAL NSH |
| Dissolved | Analysis | 6010C | | 1 | 50 mL | 50 mL | 148261 | 03/17/14 15:49 | LTB | TAL NSH |
| Total/NA | Prep | 3010A | | | 50 mL | 50 mL | 147193 | 03/12/14 10:34 | JBD | TAL NSH |
| Total/NA | Analysis | 6010C | | 10 | 50 mL | 50 mL | 147736 | 03/13/14 19:29 | DBK | TAL NSH |

## Client Sample ID: W-49-MW14

**Date Collected: 03/06/14 16:10**
**Date Received: 03/08/14 08:30**

## Lab Sample ID: 490-48069-8

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 147683 | 03/14/14 19:43 | JJR | TAL NSH |
| Total/NA | Analysis | NWTPH-Gx | | 1 | 5 mL | 5 mL | 147135 | 03/12/14 20:33 | KML | TAL NSH |
| Total/NA | Prep | 3510C | | | 1060 mL | 1 mL | 147499 | 03/13/14 11:15 | CLH | TAL NSH |
| Total/NA | Analysis | NWTPH-Dx | | 1 | 1060 mL | 1 mL | 147518 | 03/13/14 18:59 | JPS | TAL NSH |
| Dissolved | Filtration | Filtration | | | 50 mL | 50 mL | 147790 | 03/14/14 11:52 | JBD | TAL NSH |
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 147795 | 03/14/14 11:57 | JBD | TAL NSH |
| Dissolved | Analysis | 6010C | | 1 | 50 mL | 50 mL | 148261 | 03/17/14 15:52 | LTB | TAL NSH |
| Total/NA | Prep | 3010A | | | 50 mL | 50 mL | 147193 | 03/12/14 10:34 | JBD | TAL NSH |
| Total/NA | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147736 | 03/13/14 19:33 | DBK | TAL NSH |

## Client Sample ID: W-15-SVE5

**Date Collected: 03/06/14 12:40**
**Date Received: 03/08/14 08:30**

## Lab Sample ID: 490-48069-9

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 10 mL | 10 mL | 147683 | 03/14/14 16:54 | JJR | TAL NSH |
| Total/NA | Analysis | NWTPH-Gx | | 1 | 5 mL | 5 mL | 147135 | 03/12/14 21:07 | KML | TAL NSH |
| Total/NA | Prep | 3510C | | | 1060 mL | 1 mL | 147499 | 03/13/14 11:15 | CLH | TAL NSH |
| Total/NA | Analysis | NWTPH-Dx | | 1 | 1060 mL | 1 mL | 147518 | 03/13/14 19:14 | JPS | TAL NSH |
| Dissolved | Filtration | Filtration | | | 50 mL | 50 mL | 147029 | 03/11/14 13:40 | JBD | TAL NSH |
| Dissolved | Prep | 3005A | | | 50 mL | 50 mL | 147031 | 03/11/14 13:44 | JBD | TAL NSH |
| Dissolved | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147409 | 03/12/14 17:10 | DBK | TAL NSH |
| Total/NA | Prep | 3010A | | | 50 mL | 50 mL | 147026 | 03/11/14 13:25 | JBD | TAL NSH |
| Total/NA | Analysis | 6010C | | 1 | 50 mL | 50 mL | 147553 | 03/13/14 11:30 | DBK | TAL NSH |

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

# Method Summary

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | TAL NSH |
| NWTPH-Gx | Northwest - Volatile Petroleum Products (GC) | NWTPH | TAL NSH |
| NWTPH-Dx | Northwest - Semi-Volatile Petroleum Products (GC) | NWTPH | TAL NSH |
| 6010C | Metals (ICP) | SW846 | TAL NSH |

**Protocol References:**

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

# Certification Summary

Client: Cardno ERI
Project/Site: 99BLV

TestAmerica Job ID: 490-48069-1
SDG: 031160CX

## Laboratory: TestAmerica Nashville

The certifications listed below are applicable to this report.

| Authority | Program | EPA Region | Certification ID | Expiration Date |
|---|---|---|---|---|
| Oregon | NELAP | 10 | TN200001 | 04-29-14 |
| Washington | State Program | 10 | C789 | 07-19-14 |

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

# COOLER RECEIPT FORM


490-48069 Chain of Custody

Cooler Received/Opened On 3/8/2014 @ 8:30

1. Tracking # 8275 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17610176

2. Temperature of rep. sample or temp blank when opened: 4.5 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) AJH

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (intial) CM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) CM

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) CM

I certify that I attached a label with the unique LIMS number to each container (intial) CM

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#

CM 3-8-14

2 Unpreserved liters for W-IS-SVES did not have ID recorded on the label. Obtained based on sample date and time.

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12



3/24/2014

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
48069

# COOLER RECEIPT FORM

Cooler Received/Opened On 3/8/2014 @ 8:30

1. Tracking # 8284 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17610176

2. Temperature of rep. sample or temp blank when opened: 1.0 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) ASH

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) GA

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) GA

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) GA

I certify that I attached a label with the unique LIMS number to each container (intial) GA

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

# COOLER RECEIPT FORM

TAN 48069

Cooler Received/Opened On 3/8/2014 @ 8:30

1. Tracking # 8297 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17610176

2. Temperature of rep. sample or temp blank when opened: 0.9 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) AJT

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) CH

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) CH

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) CH

I certify that I attached a label with the unique LIMS number to each container (intial) CH

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

# COOLER RECEIPT FORM

TAN 48069

Cooler Received/Opened On 3/8/2014 @ 0830

1. Tracking # 8209 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 0.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: (2) Front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) MDM

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? YES...(NO)...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA)

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...(NO)...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...(NO) Was a NCM generated? YES...(NO)...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

Loc: 490
48069

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Consultant Address: 801 Second Avenue, Suite 700
Consultant City/State/Zip: Seattle, WA 98104
ExxonMobil Project Mgr: Aaron Thom
Consultant Project Mgr: Michael Miller
Consultant Telephone Number: 206 269 0104 Fax No.: 206 269 0098
Sampler Name (Print): Robert Thompson
Sampler Signature:

Account #: 10313 PO#: 2014 Pending
Invoice To: Michael Miller
Report To: Michael Miller
Project Name: 031160CX
ExxonMobil Site #: 99BLV Major Project (AFE #):
Site Address: 1500 145th Place Southeast
Site City, State, Zip: Bellevue, WA 98007
Oversight Agency: Washington Department of Ecology

| Sample ID | Field Point Name | Date Sampled | Time Sampled | No. of Containers Shipped | Grab | Composite | Field Filtered | Preservative: Methanol | Sodium Bisulfate | HCl (Blue Label) | NaOH (Orange Label) | $H_2SO_4$ Plastic (Yellow Label) | $H_2SO_4$ Glass (Yellow Label) | $HNO_3$ (Red Label) | Ice | Other | None (Black Label) | Matrix: Groundwater | Wastewater | Drinking Water | Sludge | Soil | Air | Other (specify): | Analyze For: BTEX by 8260B | TPHg by NWTPH-Gx | TPHd by NWTPH-Dx | TPHmo by NWTPH-Dx | Total Pb by 6010B | Diss. Pb by 6010B | 8260 Additional VOC's | VPH | EPH | 8270D SIM PAH | RUSH TAT (Pre-Schedule) | 5-day TAT | Standard 10-day TAT | Due Date of Report | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-48-MW4 | MW4 | 03/06/14 | 11:35 | 10 | X | | | | | 8 | | | | 1 | | | 1 | X | | | | | | | X | X | X | X | X | X | | | | | | | X | | -1 |
| W-40-MW5 | MW5 | 03/06/14 | 13:15 | 10 | X | | | | | 8 | | | | 1 | | | 1 | X | | | | | | | X | X | X | X | X | X | | | | | | | X | | -2 |
| W-48-MW6 | MW6 | 03/06/14 | 13:50 | 10 | X | | | | | 8 | | | | 1 | | | 1 | X | | | | | | | X | X | X | X | X | X | | | | | | | X | | -3 |
| W-49-MW8 | MW8 | 03/06/14 | 12:10 | 10 | X | | | | | 8 | | | | 1 | | | 1 | X | | | | | | | X | X | X | X | X | X | | | | | | | X | | -4 |
| W-48-MW9 | MW9 | 03/06/14 | 11:05 | 10 | X | | | | | 8 | | | | 1 | | | 1 | X | | | | | | | X | X | X | X | X | X | | | | | | | X | | -5 |
| W-20-MW13B | MW12 | 03/06/14 | 15:03 | 15 | X | | | | | 11 | | | | 1 | | | 3 | X | | | | | | | X | X | X | X | X | X | HOLD | | | | | 5 | | | -6 |
| W-5-MW13C | MW14 | 03/06/14 | 15:45 | 10 | X | | | | | 8 | | | | 1 | | | 1 | X | | | | | | | X | X | X | X | X | X | | | | | | | X | | -7 |
| W-49-MW14 | MW15 | 03/06/14 | 16:10 | 10 | X | | | | | 8 | | | | 1 | | | 1 | X | | | | | | | X | X | X | X | X | X | | | | | | | X | | -8 |
| W-15-SVE5 | SVE5 | 03/06/14 | 12:40 | 15 | X | | | | | 11 | | | | 1 | | | 3 | X | | | | | | | X | X | X | X | X | X | HOLD | | | | | 5 | | | -9 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**Comments/Special Instructions:** 8260B Additional VOC's: n-Hexane; MTBE; EDB; EDC; Naphthalene. 8270D PAH's: 2-methyl naphthalene; benzo(a)anthracene; benzo(b)fluoranthene; benzo(k)fluoranthene; benzo(a)pyrene; chrysene; dibenzo(a,h)anthracene; Indo(1,2,3-cd)pyrene.

**Laboratory Comments:**
Temperature Upon Receipt: 4.5, 1.0, 0.9, 0.1
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

| Relinquished by: | | Date | Time | Received by: | Date | Time |
|---|---|---|---|---|---|---|
| Robert Thompson | | 03/06/14 | 18:00 | | 3-8-14 | 0830 |
| Relinquished by: | | Date | Time | Received by (Lab personnel): | Date | Time |

# Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-48069-1
SDG Number: 031160CX

**Login Number: 48069**
**List Number: 1**
**Creator: Huckaba, Jimmy**

**List Source: TestAmerica Nashville**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | True | |

**FIELD LOG**
**DEPTH TO WATER RECORD**

**SITE:** ExxonMobil 99BLV
**CARDNO ERI #:** 031160
**LOCATION:** 1500 145th Place SE, Bellevue, WA
**FIELD CREW:** RRT, EJB
**DATE:** 03/06/14

| Well # | Time | DTW (ft) | DOW (ft) | Comments/Repairs |
|---|---|---|---|---|
| MW2 | 09:48 | **39.94** | 40.3 | Gauged only 03/06/14. |
| MW3 | -- | **--** | -- | Inaccessible. |
| MW4 | 10:30 | **47.66** | 60.8 | Gauged and sampled 03/06/14. |
| MW5 | 09:45 | **48.05** | 51.2 | Gauged and sampled 03/06/14. |
| MW6 | 09:52 | **48.37** | 52.0 | Gauged and sampled 03/06/14. |
| MW7 | -- | **--** | -- | Inaccessible. |
| MW8 | 09:37 | **49.00** | 59.0 | Gauged and sampled 03/06/14. |
| MW9 | 10:25 | **48.39** | 59.5 | Gauged and sampled 03/06/14. |
| MW10 | -- | **--** | -- | Not accessed this quarter. |
| MW11 | 09:54 | **DRY** | 39.2 | Gauged only 03/06/14. |
| MW12 | -- | **--** | -- | Not accessed this quarter. |
| MW13A | 10:05 | **37.10** | 38.0 | Gauged only 03/06/14. |
| MW13B | 10:06 | **19.67** | 25.9 | Gauged and sampled 03/06/14. |
| MW13C | 10:13 | **4.72** | 14.5 | Gauged and sampled 03/06/14. |
| MW14 | 10:20 | **49.32** | 59.2 | Gauged and sampled 03/06/14. |
| MW15 | -- | **--** | -- | Not accessed this quarter. |
| SVE5 | 09:42 | **14.50** | 17.6 | Gauged and sampled 03/06/14. |
| SVE6 | 10:17 | **38.29** | 39.1 | Gauged only 03/06/14. |
| SVE7 | 09:57 | **DRY** | 29.1 | Gauged only 03/06/14. |

**FIELD LOG**
**PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99BLV **CARDNO ERI #:** 031160
**LOCATION:** 1500 145th Place Southeast Bellevue, Washington
**FIELD CREW:** RRT/EJB **DATE**: 03/06/14 Low-Flow Sampling

| WELL # | MW4 | | | | | | |
|---|---|---|---|---|---|---|---|
| **TIME** | **DTW** | **PURGE VOLUME** | **Pump Rate (Q)** | **Temp** | **Cond** | **pH** | **DO** |
| hr:min | ft | mL | mL/min | deg C | mS/cm | unit | mg/L |
| | | | | 1 deg | 3% | 0.1 | 0.3 |
| 10:30 | **47.66** | | | | | | |
| 11:15 | 47.61 | 1,750 | 250 | 13.66 | 0.225 | 5.54 | 6.80 |
| 11:18 | 47.65 | 2,500 | 250 | 13.73 | 0.227 | 5.60 | 5.70 |
| 11:21 | 47.65 | 3,250 | 250 | 13.80 | 0.227 | 5.72 | 5.15 |
| 11:24 | 47.65 | 4,000 | 250 | 13.83 | 0.227 | 5.47 | 5.01 |
| 11:27 | 47.65 | 4,750 | 250 | 13.85 | 0.227 | 5.49 | 4.85 |
| 11:30 | 47.65 | 4,750 | 250 | 13.86 | 0.227 | 5.51 | 4.84 |
| **LID** | **BOLTS** | **GASKET** | **PLUG** | **LOCK** | **VAULT SEAL** | **WATER IN VAULT?** | **REPLACE VAULT?** |
| OK | OK | OK | OK | OK | OK | YES | NO |
| | | | | | | | |
| SW | 11:35 | 1 gal = 3.79L | | | | | |
| Total Purge Volume | | 4,750 mL | | 1.25 gal | | | |

| WELL # | MW5 | | | | | | |
|---|---|---|---|---|---|---|---|
| **TIME** | **DTW** | **PURGE VOLUME** | **Pump Rate (Q)** | **Temp** | **Cond** | **pH** | **DO** |
| hr:min | ft | mL | mL/min | deg C | mS/cm | unit | mg/L |
| | | | | 1 deg | 3% | 0.1 | 0.3 |
| 09:45 | **48.05** | | | | | | |
| 12:55 | 40.10 | 1,900 | 300 | 13.08 | 0.531 | 5.22 | 6.23 |
| 12:58 | 40.11 | 2,800 | 300 | 13.11 | 0.534 | 5.19 | 5.75 |
| 13:01 | 40.11 | 3,700 | 300 | 13.18 | 0.536 | 5.17 | 5.25 |
| 13:04 | 40.11 | 4,600 | 300 | 13.25 | 0.536 | 5.17 | 4.91 |
| 13:07 | 40.11 | 5,500 | 300 | 13.32 | 0.539 | 5.19 | 4.70 |
| 13:10 | 40.11 | 5,500 | 300 | 13.32 | 0.539 | 5.18 | 5.68 |
| **LID** | **BOLTS** | **GASKET** | **PLUG** | **LOCK** | **VAULT SEAL** | **WATER IN VAULT?** | **REPLACE VAULT?** |
| OK | OK | OK | OK | OK | OK | NO | NO |
| | | | | | | | |
| SW | 13:15 | 1 gal = 3.79L | | | | | |
| Total Purge Volume | | 5,500 mL | | 1.45 gal | | | |

**FIELD LOG**
**PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99BLV **CARDNO ERI #:** 031160
**LOCATION:** 1500 145th Place Southeast Bellevue, Washington
**FIELD CREW:** RRT/EJB **DATE**: 03/06/14 Low-Flow Sampling

WELL # **MW6**

| TIME | DTW | PURGE VOLUME | Pump Rate (Q) | Temp | Cond | pH | DO |
|---|---|---|---|---|---|---|---|
| hr:min | ft | mL | mL/min | deg C | mS/cm | unit | mg/L |
| | | | | 1 deg | 3% | 0.1 | 0.3 |
| 09:52 | **48.37** | | | | | | |
| 13:30 | 48.40 | 1,750 | 250 | 13.27 | 0.386 | 5.03 | 7.45 |
| 13:33 | 48.40 | 2,500 | 250 | 13.43 | 0.386 | 4.84 | 5.85 |
| 13:36 | 48.40 | 3,250 | 250 | 13.52 | 0.386 | 4.72 | 5.31 |
| 13:39 | 48.40 | 4,000 | 250 | 13.60 | 0.386 | 4.73 | 4.99 |
| 13:42 | 48.40 | 4,750 | 250 | 13.63 | 0.387 | 4.73 | 4.89 |
| 13:45 | 48.40 | 5,500 | 250 | 13.66 | 0.387 | 4.74 | 4.88 |

| LID | BOLTS | GASKET | PLUG | LOCK | VAULT SEAL | WATER IN VAULT? | REPLACE VAULT? |
|---|---|---|---|---|---|---|---|
| OK | OK | OK | OK | OK | OK | YES | NO |

Very turbid samples - sandy.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SW | 13:50 | 1 gal = 3.79L | | | | | |
| Total Purge Volume | | 5,500 mL | | 1.45 gal | | | |

WELL # **MW8**

| TIME | DTW | PURGE VOLUME | Pump Rate (Q) | Temp | Cond | pH | DO |
|---|---|---|---|---|---|---|---|
| hr:min | ft | mL | mL/min | deg C | mS/cm | unit | mg/L |
| | | | | 1 deg | 3% | 0.1 | 0.3 |
| 09:37 | **49.00** | | | | | | |
| 11:50 | 49.01 | 1,900 | 300 | 13.47 | 0.141 | 5.84 | 5.76 |
| 11:53 | 49.01 | 2,800 | 300 | 13.51 | 0.141 | 5.79 | 5.00 |
| 11:56 | 49.01 | 3,700 | 300 | 13.51 | 0.141 | 5.87 | 4.70 |
| 11:59 | 49.01 | 4,600 | 300 | 13.52 | 0.141 | 5.83 | 4.63 |
| 12:02 | 49.01 | 5,500 | 300 | 13.54 | 0.141 | 5.84 | 4.61 |
| 12:05 | 49.01 | 5,500 | 300 | 13.59 | 0.141 | 5.90 | 4.48 |

| LID | BOLTS | GASKET | PLUG | LOCK | VAULT SEAL | WATER IN VAULT? | REPLACE VAULT? |
|---|---|---|---|---|---|---|---|
| OK | OK | OK | OK | OK | OK | NO | NO |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SW | 12:10 | 1 gal = 3.79L | | | | | |
| Total Purge Volume | | 5,500 mL | | 1.45 gal | | | |

**FIELD LOG**
**PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99BLV **CARDNO ERI #:** 031160
**LOCATION:** 1500 145th Place Southeast Bellevue, Washington
**FIELD CREW:** RRT/EJB **DATE**: 03/06/14 Low-Flow Sampling

WELL # **MW9**

| TIME | DTW | PURGE VOLUME | Pump Rate (Q) | Temp | Cond | pH | DO |
|---|---|---|---|---|---|---|---|
| hr:min | ft | mL | mL/min | deg C | mS/cm | unit | mg/L |
| | | | | 1 deg | 3% | 0.1 | 0.3 |
| 10:25 | **48.39** | | | | | | |
| 10:49 | 48.41 | 1,900 | 300 | 14.13 | 0.178 | 5.54 | 6.38 |
| 10:52 | 48.41 | 2,800 | 300 | 14.21 | 0.179 | 5.53 | 5.99 |
| 10:55 | 48.41 | 3,700 | 300 | 14.30 | 0.179 | 5.50 | 5.70 |
| 10:58 | 48.41 | 4,600 | 300 | 14.37 | 0.179 | 5.40 | 5.30 |
| 11:01 | 48.41 | 5,500 | 300 | 14.43 | 0.179 | 5.49 | 5.30 |
| 11:04 | 48.41 | 5,500 | 300 | 14.44 | 0.179 | 5.48 | 5.29 |
| **LID** | **BOLTS** | **GASKET** | **PLUG** | **LOCK** | **VAULT SEAL** | **WATER IN VAULT?** | **REPLACE VAULT?** |
| OK | OK | OK | OK | OK | OK | YES | NO |
| | | | | | | | |
| SW | 11:05 | 1 gal = 3.79L | | | | | |
| Total Purge Volume | | 5,500 mL | | 1.45 gal | | | |

WELL # **MW13B**

| TIME | DTW | PURGE VOLUME | Pump Rate (Q) | Temp | Cond | pH | DO |
|---|---|---|---|---|---|---|---|
| hr:min | ft | mL | mL/min | deg C | mS/cm | unit | mg/L |
| | | | | 1 deg | 3% | 0.1 | 0.3 |
| 10:06 | **19.67** | | | | | | |
| 14:45 | 19.65 | 1,900 | 300 | 12.93 | 0.563 | 4.63 | 4.75 |
| 14:48 | 19.67 | 2,800 | 300 | 12.94 | 0.564 | 4.63 | 4.72 |
| 14:51 | 19.67 | 3,700 | 300 | 12.94 | 0.565 | 4.62 | 4.64 |
| 14:54 | 19.67 | 4,600 | 300 | 12.95 | 0.565 | 4.64 | 4.60 |
| 14:57 | 19.67 | 5,500 | 300 | 12.95 | 0.566 | 4.60 | 4.45 |
| 15:00 | 19.67 | 5,500 | 300 | 12.95 | 0.566 | 4.60 | 4.40 |
| **LID** | **BOLTS** | **GASKET** | **PLUG** | **LOCK** | **VAULT SEAL** | **WATER IN VAULT?** | **REPLACE VAULT?** |
| OK | OK | OK | OK | OK | OK | NO | NO |
| | | | | | | | |
| SW | 15:03 | 1 gal = 3.79L | | | | | |
| Total Purge Volume | | 5,500 mL | | 1.45 gal | | | |

**FIELD LOG**
**PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99BLV **CARDNO ERI #:** 031160
**LOCATION:** 1500 145th Place Southeast Bellevue, Washington
**FIELD CREW:** RRT/EJB **DATE**: 03/06/14 Low-Flow Sampling

WELL # **MW13C**

| TIME | DTW | PURGE VOLUME | Pump Rate (Q) | Temp | Cond | pH | DO |
|---|---|---|---|---|---|---|---|
| hr:min | ft | mL | mL/min | deg C | mS/cm | unit | mg/L |
| | | | | 1 deg | 3% | 0.1 | 0.3 |
| 10:13 | **4.72** | | | | | | |
| 15:23 | 4.75 | 1,750 | 250 | 11.31 | 0.121 | 4.28 | 3.50 |
| 15:26 | 4.85 | 2,500 | 250 | 11.23 | 0.108 | 4.40 | 2.66 |
| 15:29 | 4.85 | 3,250 | 250 | 11.22 | 0.107 | 4.42 | 2.60 |
| 15:32 | 4.85 | 4,000 | 250 | 11.20 | 0.106 | 4.42 | 2.45 |
| 15:35 | 4.85 | 4,750 | 250 | 11.16 | 0.105 | 4.41 | 2.33 |
| 15:38 | 4.85 | 4,750 | 250 | 11.15 | 0.105 | 4.41 | 2.30 |

| LID | BOLTS | GASKET | PLUG | LOCK | VAULT SEAL | WATER IN VAULT? | REPLACE VAULT? |
|---|---|---|---|---|---|---|---|
| OK | OK | OK | OK | OK | OK | YES | NO |

| | | | | | |
|---|---|---|---|---|---|
| SW | 15:45 | 1 gal = 3.79L | | | |
| Total Purge Volume | | 4,750 mL | 1.25 gal | | |

WELL # **MW14**

| TIME | DTW | PURGE VOLUME | Pump Rate (Q) | Temp | Cond | pH | DO |
|---|---|---|---|---|---|---|---|
| hr:min | ft | mL | mL/min | deg C | mS/cm | unit | mg/L |
| | | | | 1 deg | 3% | 0.1 | 0.3 |
| 10:20 | **49.32** | | | | | | |
| 15:50 | 49.30 | 1,900 | 300 | 11.63 | 0.219 | 4.47 | 4.32 |
| 15:53 | 49.40 | 2,800 | 300 | 11.73 | 0.221 | 4.39 | 3.92 |
| 15:56 | 49.40 | 3,700 | 300 | 11.82 | 0.222 | 4.35 | 3.70 |
| 15:59 | 49.40 | 4,600 | 300 | 11.93 | 0.224 | 4.33 | 3.61 |
| 16:02 | 49.40 | 5,500 | 300 | 12.13 | 0.224 | 4.25 | 3.55 |
| 16:05 | 49.40 | 5,500 | 300 | 12.15 | 0.225 | 4.24 | 3.55 |

| LID | BOLTS | GASKET | PLUG | LOCK | VAULT SEAL | WATER IN VAULT? | REPLACE VAULT? |
|---|---|---|---|---|---|---|---|
| OK | OK | OK | OK | OK | OK | NO | NO |

| | | | | | |
|---|---|---|---|---|---|
| SW | 16:10 | 1 gal = 3.79L | | | |
| Total Purge Volume | | 5,500 mL | 1.45 gal | | |

**FIELD LOG**
**PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS**

**SITE:** ExxonMobil 99BLV **CARDNO ERI #:** 031160
**LOCATION:** 1500 145th Place Southeast Bellevue, Washington
**FIELD CREW:** RRT/EJB **DATE**: 03/06/14 Low-Flow Sampling

WELL # **SVE5**

| TIME | DTW | PURGE VOLUME | Pump Rate (Q) | Temp | Cond | pH | DO |
|---|---|---|---|---|---|---|---|
| hr:min | ft | mL | mL/min | deg C | mS/cm | unit | mg/L |
| | | | | 1 deg | 3% | 0.1 | 0.3 |
| 09:42 | **14.50** | | | | | | |
| 12:26 | 14.55 | 1,600 | 200 | 12.62 | 0.178 | 5.67 | 5.60 |
| 12:29 | 14.55 | 2,200 | 200 | 12.55 | 0.180 | 5.74 | 5.33 |
| 12:32 | 14.55 | 2,800 | 200 | 12.54 | 0.182 | 5.79 | 5.11 |
| 12:35 | 14.55 | 3,400 | 200 | 12.52 | 0.184 | 5.74 | 4.93 |
| 12:38 | 14.55 | 3,400 | 200 | 12.50 | 0.188 | 5.77 | 4.21 |
| 12:41 | 14.55 | 4,000 | 200 | 12.50 | 0.188 | 5.77 | 4.20 |

| LID | BOLTS | GASKET | PLUG | LOCK | VAULT SEAL | WATER IN VAULT? | REPLACE VAULT? |
|---|---|---|---|---|---|---|---|
| OK | OK | OK | OK | OK | OK | NO | NO |

| | | | | | | |
|---|---|---|---|---|---|---|
| SW | 12:40 | 1 gal = 3.79L | | | | |
| Total Purge Volume | | 4,000 mL | | 1.06 gal | | |

# APPENDIX C
## VOLUNTARY CLEANUP PROGRAM APPLICATION

Cardno ERI
Shaping the Future

# Voluntary Cleanup Program

**Washington State Department of Ecology**
**Toxics Cleanup Program**

## APPLICATION FORM

Under the Voluntary Cleanup Program (VCP), the Department of Ecology (Ecology) may provide informal site-specific technical consultations to persons conducting independent remedial actions at a hazardous waste site. Ecology may provide such consultations under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC.

To enter the VCP, complete and submit to Ecology a VCP Application. The Application consists of the following two documents:

1. Application Form (including required attachments). ← **THIS DOCUMENT**
2. Agreement.

For guidance on how to complete your Application, please refer to the Application Instructions, which are available separately on the VCP web site: www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm.

### Part 1 - ADMINISTRATION

**A. Customer Information.** The Customer is the person or organization requesting services from Ecology under the VCP, and is responsible for paying the costs incurred by Ecology. The authority and duty of the Customer are explained in the Agreement.

Name of Customer: ExxonMobil Environmental Services

What type of entity is the Customer?

☐ Person

*If the Customer is a **"person,"** then the Customer shall serve as both the Project Manager and the Project Billing Contact. Please identify this person and their contact information in both Parts 1B and 1C.*

X Organization

*If the Customer is an **"organization,"** then please identify the Project Manager in Part 1B and the Project Billing Contact in Part 1C. **Both persons must be employed by the Customer organization.***

What is the Customer's involvement at the Site? Please check all that apply.

| | |
|---|---|
| ☐ Property owner | ☐ Business owner (operator) |
| ☐ Past property owner | ☐ Mortgage holder |
| ☐ Future property owner | X Consultant |
| ☐ Property lessee | ☐ Attorney |
| ☐ Other – please specify: _____ | |

If not the current property owner, is the Customer acting as the agent for the property owner?

☐ Yes X No

If not the current property owner, is the Customer authorized to grant access to the property?

☐ Yes X No

## Part 1 – ADMINISTRATION continued

**B. Project Manager Information.** Ecology will send this person all official correspondence. This person must either be the Customer or be employed by the Customer. This person may not be an independent contractor hired by the Customer. Please enter the required information below.

| | | |
|---|---|---|
| Name: Michael Miller | | Title: Project Manager |
| Mailing address: 801 Second Avenue, Suite 700 | | |
| City: Seattle | State: WA | Zip: 98104 |
| Phone: 206 269 0104 | Fax: 206 269 0098 | E-mail: michael.miller@cardno.com |

**C. Project Billing Contact Information.** Ecology will send this person monthly invoices. This person must either be the Customer or be employed by the Customer. This person may not be an independent contractor hired by the Customer. Please enter the required information below.

| | | |
|---|---|---|
| Name: Aaron Thom | | Title: Project Manager |
| Mailing address: 2555 West 190th Street | | |
| City: Torrance | State: CA | Zip: 90504 |
| Phone: 832 544 3413 | Fax: | E-mail: aaron.thom@exxonmobil.com |

**D. Project Consultant Information.**

Is the Customer a consultant?

X Yes *If you answered **"YES,"** then skip to the next question.*

☐ No *If you answered **"NO"** and the Customer hired a consultant to conduct the independent remedial action, then enter the required information below.*

| | | |
|---|---|---|
| Name: Michael Miller | | Title: Project Manager |
| Organization: Cardno ERI | | |
| Mailing address: 801 Second Avenue, Suite 700 | | |
| City: Seattle | State: WA | Zip: 98104 |
| Phone: 206 269 0104 | Fax: 206 269 0098 | E-mail: michael.miller@cardno.com |

Do you want Ecology to contact the Project Consultant?

X Yes ☐ No

**E. Property Owner Information.**

Is the Customer the owner of the property where independent remedial action is being conducted?

☐ Yes *If you answered **"YES,"** then enter the type of entity and skip to the next question.*

X No *If you answered **"NO,"** then please enter all of the required information below.*

| | | |
|---|---|---|
| Name: Wes Williams | | Title: Property Owner |
| Organization: Western Property Management | | |
| Mailing address: 8626 Roosevelt Way Northeast | | |
| City: Seattle | State: WA | Zip: 98115 |
| Phone: 206 525 3700 | Fax: | E-mail: |

## Part 1 – ADMINISTRATION continued

What type of entity is the property owner? Please check only one.

| | | | |
|---|---|---|---|
| X | Private | ☐ | County |
| ☐ | Tribal | ☐ | Municipal |
| ☐ | Federal | ☐ | Mixed |
| ☐ | State | ☐ | Public School |
| ☐ | Other – please specify: _____ | | |

### F. Request for Written Opinion.

Are you requesting a written opinion at this time?

X Yes ☐ No

If you answered **"YES,"** on what planned or completed remedial action do you want a written opinion?

Cardno ERI is seeking an opinion on the current site conditions and the locations and depths of the proposed confirmation borings in pursuit of a no further action decision.

**Please attach to this Application any additional remedial action plans or reports you want Ecology to review.** Ecology will base its opinion on the information contained in the Site file, including any information attached to this Application.

If you answered **"NO,"** please explain why you are enrolling in the VCP at this time and when you expect to request a written opinion from Ecology.

Attach additional pages if necessary.

### G. Reporting Requirements.

Please comply with the following reporting requirements when requesting written opinions on planned or completed remedial actions:

- ❑ **Licensing.** Documents submitted containing geologic, hydrologic, or engineering work must be under the seal of an appropriately licensed professional, as required by Chapters 18.43 and 18.220 RCW.
- ❑ **Data Submittal.** Environmental sampling data must be submitted in both a printed form and an electronic form capable of being transferred into Ecology's data management systems. For instructions on how to submit the data, please refer to the following Ecology web site: www.ecy.wa.gov/programs/tcp/data_submittal/Data_Requirements.htm.

Failure to comply with these requirements may result in unnecessary delays. **Ecology will not issue a No Further Action (NFA) opinion unless these requirements are satisfied.**

## Part 2 - DESCRIPTION OF THE SITE

**A. Name of the Site.** If Ecology has already identified the Site, enter the name provided by Ecology. Otherwise, enter a suggested name for the Site. You may also include an alternate name.

Name: Former Mobil Station 99BLV

Alternate Name: DOE Facility Name: BEL-EAST SHOPPING CENTER

**B. Location of Property where the Releases Occurred (Source Property).**

The "source property" is the property where hazardous substances were released into the environment. For example, if petroleum was released from a leaking UST, the source property is the property where the UST was located.

Do you know on which property the releases occurred?

X Yes — *If you answered **"YES,"** then please refer to the source property when answering the following questions.*

☐ No — *If you answered **"NO,"** then please refer to the property addressed by your remedial action (cleanup) when answering the following questions.*

***Physical Address.*** Please enter the physical address of the property below.

Street Address: 1500 145th Place Southeast

| City: Bellevue | State: WA | Zip: 98007 |
|---|---|---|

***Geographic Position.*** Please enter the geographical position of the property below. For additional guidance on how to complete this part, please refer to instructions on the VCP web site.

| | | | | |
|---|---|---|---|---|
| **COORDINATES** | **LATITUDE:** | Degrees: 47 | Minutes: 35 | Seconds: 47.8032 |
| | **LONGITUDE :** | Degrees: -122 | Minutes: 08 | Seconds: 59.3124 |
| **LOCATION ON PROPERTY:** [e.g., point of release or center of parcel] | | Former UST Basin | | |
| **COLLECTION METHOD:** [e.g., GPS or address matching] | | Cardno WRG Land Survey, NAD 88 | | |
| **COLLECTION SOURCE:** [i.e., map scale] | | Land Survey | | |
| **HORIZONTAL DATUM:** [i.e., base reference for coordinate system] | | Northings/Eastings | | |
| **ACCURACY LEVEL:** [i.e., +/- feet or meters] | | +/-0.01 Feet | | |

***Legal Descriptions.***

| | | | | |
|---|---|---|---|---|
| **TRS DATA:** | Township: 24 | Range: 05 | Section: 03 | Quarter-Quarter: NE-NE |
| **TAX PARCEL #(S):** | 032405-9162 | | | |

## Part 2 - DESCRIPTION OF THE SITE continued

**C. Identification of Properties affected by the Releases (Affected Properties).**

An "affected property" is a property affected by the release of hazardous substances on the source property. For example, petroleum released from a leaking UST on one property (source property) may migrate through the soil or ground water onto an adjacent property (affected property).

Do any of the releases affect any properties adjacent to the source property?

| | |
|---|---|
| X Yes | *If you answered **"YES,"** then please identify below each property that you know has been affected by the releases on the source property. If you need to identify additional properties, please attach additional pages.* |
| ☐ No | *If you answered **"NO,"** then skip to the next question.* |
| ☐ Unknown | *If you answered **"UNKNOWN,"** then skip to the next question.* |

| | |
|---|---|
| 1. | Address: 1575 145th Place Southeast |
| | Tax Parcel(s): 8838900075 |
| 2. | Address: |
| | Tax Parcel(s): |
| 3. | Address: |
| | Tax Parcel(s): |
| 4. | Address: |
| | Tax Parcel(s): |

**D. Identification of Public Right-of-Ways affected by the Releases.**

Do any of the releases affect any public right-of-ways (e.g., streets)?

X Yes ☐ No ☐ Unknown

If you answered **"YES"** above, please specify below. Otherwise, skip to the next question.

Groundwater exceeding the MTCA Method A Cleanup Levels has been identified in monitoring wells MW10 in the City of Bellevue public right-of-way of Southeast 16th Street.

Attach additional pages if necessary.

**E. Extent of the Site.**

What is the approximate areal extent of the Site? Please check only one.

☐ < 5,000 square feet
☐ > 5,000 square feet, but < 1 acre
X > 1 acre, but < 10 acres
☐ > 10 acres
☐ Unknown

## Part 2 - DESCRIPTION OF THE SITE continued

### F. Description of Release(s) at the Site.

***Source of Release(s).***

What are the source(s) of the release(s) at the Site? Please check all that apply.

- [X] Point source (e.g., leaking tank)
- [ ] Non-point source (e.g., contaminated soil used as fill)
- [ ] Area-wide lead and arsenic soil contamination (see questions below)
- [ ] Other – please specify: _____
- [ ] Unknown

To the extent known, please describe the source(s) of the release(s):

Leaking underground storage tanks.

Attach additional pages if necessary.

***Circumstances of Release(s).*** To the extent known, please describe below the circumstances of the release(s).

Leaking underground storage tanks.

Attach additional pages if necessary.

***Circumstances of Release Discovery.*** To the extent known, please describe below the circumstances of the discovery of the release(s).

Leaking underground storage tanks

Attach additional pages if necessary.

## Part 2 - DESCRIPTION OF THE SITE continued

***Area-Wide Soil Contamination.*** For information about the area-wide soil contamination project, please refer to the following web site: www.ecy.wa.gov/programs/tcp/area_wide/area_wide_hp.html. For information about the Tacoma Smelter Plume (TSP) and the associated Management Plan, please refer to the following web site: www.ecy.wa.gov/programs/tcp/sites/tacoma_smelter/ts_hp.htm.

Is the Site located within an area affected by smelter emissions, such as the TSP area?

X Yes ☐ No ☐ Unknown

To determine whether your Site is located within the TSP area, please refer to the map on the TSP web site identified above.

Is the Site located on a former apple or pear orchard in operation prior to 1947?

☐ Yes ☐ No X Unknown

Is the Site impacted by area-wide arsenic and/or lead soil contamination?

☐ Yes ☐ No X Unknown

**G. Nature and Extent of Hazardous Substances Released at the Site.** The following questions refer to conditions after the release, but prior to any cleanup, of the hazardous substances at the Site.

***Hazardous Substances and Affected Media.*** To the extent known, please identify in the following table the hazardous substances released at the Site and the media (e.g., soil) impacted by those substances. Use the codes at the bottom of the table.

| Hazardous Substance | Affected Media | | | | |
|---|---|---|---|---|---|
| | Soil | Ground Water | Surface Water | Sediment | Air |
| EXAMPLE: Benzene | C | S | N/A | N/A | B |
| TPHg | C | C | U | U | U |
| TPHd | B | C | U | U | U |
| TPHmo | N/A | C | U | U | U |
| Benzene | C | C | U | U | U |
| Toulene | C | C | U | U | U |
| Ethylbenzene | C | C | U | U | U |
| Total Xylenes | C | C | U | U | U |
| Total Lead | B | C | U | U | U |
| Dissolved Lead | N/A | C | U | U | U |
| | | | | | |

When identifying the affected media in the table above, please use one of the following codes:

- C = confirmed, above cleanup level
- B = confirmed, below cleanup level
- O = confirmed, not present
- S = suspected
- N/A = not suspected
- U = unknown

## Part 2 - DESCRIPTION OF THE SITE continued

***Drinking Water.***

Does any of the contamination at the Site pose a threat or potential threat to an existing drinking water source (ground water or surface water)?

☐ Yes X No ☐ Unknown

If you answered "YES" above, what type of drinking water system is threatened by the contamination? Please check all that apply.

☐ Single Family
☐ Public Drinking Water Supply

If you checked "Public Drinking Water Supply" above, is the contamination located within or upstream of a 10-year wellhead protection area?

☐ Yes ☐ No ☐ Unknown

To help answer the above question or if you answered "Yes" to that question, then go to https://fortress.wa.gov/doh/eh/dw/swap/maps/ or call (800) 521-0323.

***Indoor Air.***

Are contaminant odors present in any buildings, manholes, or other confined spaces?

☐ Yes X No ☐ Unknown

If you answered "YES" above, please specify:

_____

_____

_____

_____

Attach additional pages if necessary.

### H. Maps of the Site.

Please attach to this application map(s) that identify, to the extent known, the following:

- ❑ The location of the site.
- ❑ The properties, and any public right-of ways, affected by the site.
- ❑ The source(s) of the release(s) at the site.
- ❑ The nature and extent of contamination at the site.
- ❑ Any human or ecological receptors impacted by the site (e.g., drinking water wells).
- ❑ The physical characteristics of the site (e.g., property lines, building and road outlines, surface water bodies, water supply wells, ground water flow direction, and utility right-of-ways).
- ❑ The properties adjacent to the site and the uses of those properties (e.g., gas station, dry cleaner, residential).

## Part 3 – OPERATIONAL HISTORY OF THE SITE

**A. Current Use of Source Property.** *Note that the following questions refer only to the Source Property, not other properties affected by the Site. Answer these questions to the best of your ability.*

***Current Property Owners.*** To the extent known, please identify below the current owner of the source property.

| | | |
|---|---|---|
| Name: Wes Williams | Title: Property Owner | |
| Organization: Western Property Management | | |
| Mailing address: 8626 Roosevelt Way Northeast | | |
| City: Seattle | State: WA | Zip code: 98115 |
| Phone: 206 525 3700 | | |

***Current Business Owner (Operator).*** To the extent known, please identify below the current owner of the business located on the source property.

| | | |
|---|---|---|
| Name: Joanne Bledsoe | Title: Site Tenant | |
| Organization: Quality Food Center Grocery Store | | |
| Mailing address: 8626 Roosevelt Way Northeast | | |
| City: Seattle | State: WA | Zip code: 98115 |
| Phone: 425 746 1400 | | |

***Current Business Operations.*** To the extent known, please identify below the current operations of the business located on the source property.

What is the current land use of the source property? Please check all that apply.

- ☐ Residential
- X Commercial
- ☐ Industrial
- ☐ Agricultural
- ☐ Other – please specify: _____
- ☐ School
- ☐ Childcare facility
- ☐ Park

Is there a currently operational commercial or industrial business located on the source property?

X Yes ☐ No ☐ Unknown

If you answered "YES" above, please identify in the following table the current business operations using the North American Industry Classification System (NAICS) codes and specifying the operations.

| NAICS Code | Description of Operations |
|---|---|
| EX: 447110 | Gasoline Stations with Convenience Stores |
| 445110 | Grocery stores |
| 722513 | Limited-Service Restaurants |
| 236220 | Beauty Salon |
| | |
| | |

## Part 3 – OPERATIONAL HISTORY OF THE SITE continued

Is there a solid waste handling facility located on the Source Property?

☐ Yes X No ☐ Unknown

If you answered "YES" above, please identify:

Attach additional pages if necessary.

Is there a dangerous waste treatment, storage, or disposal facility located on the Source Property?

☐ Yes X No ☐ Unknown

If you answered "YES" above, please identify:

Attach additional pages if necessary.

***Regulation of Current Business Operations.***

Does the business operate under any federal, state, or local permits related to the release of hazardous substances into the environment (e.g., NPDES permit)?

☐ Yes ☐ No X Unknown

If you answered "YES" above, please specify the regulated operation, the name of the permit, and the date it was issued in the table below.

| REGULATED OPERATION | PERMIT | DATE ISSUED |
|---|---|---|
| EX: Wastewater discharge | NPDES permit | 02/02/02 |
| | | |
| | | |
| | | |
| | | |

Has a state or federal notice of enforcement action (e.g., notice of violation) ever been issued related to the release of hazardous substances at the business?

☐ Yes ☐ No X Unknown

If you answered "yes" above, please specify (notice and year issued): _____

Have business operations resulted in any other spills or other unpermitted releases on the source property?

☐ Yes ☐ No X Unknown

If you answered "YES" above, please specify in the table below.

| RELEASE | DATE OF RELEASE | STATUS OF RELEASE |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

## Part 3 – OPERATIONAL HISTORY OF THE SITE continued

***Storage Tank Information.*** In table below, please identify all above ground storage tanks (AST) and underground storage tanks (UST) that have been used for storing hazardous substances on the source property, irrespective of whether the tanks are still in use or in place. *If you are unable to provide answers to specific questions regarding a tank, please enter "U" for unknown.*

| IDENTIFICATION | | | | STATUS AND CLOSURE | | | | RELEASES | |
|---|---|---|---|---|---|---|---|---|---|
| Hazardous Substance | Type (AST/UST) | Size (Gallons) | TANK ID | DATE INSTALL | IN USE (Y/N) | DATE CLOSED | CLOSURE METHOD (*) | PAST (Y/N) | CURRENT (Y/N) |
| EX: Diesel | UST | 10,000 | 4 | 02/87 | N | 05/98 | Removed | Y | N |
| U | UST | U | 1 | U | N | 12/72 | Removed | U | N |
| U | UST | U | 2 | U | N | 12/72 | Removed | U | N |
| U | UST | U | 3 | 01/00 | N | 12/72 | Removed | U | N |
| | | | | | | | | | |
| | | | | | | | | | |

(*) Options = Removed or Closed in Place

**B. Past Use of Source Property.** *Note that the following questions refer only to the Source Property, not other properties affected by the Site. Please answer these questions to the best of your ability.*

***Past Property Owners.*** To the extent known, please identify below the owner of the source property at the time the release occurred.

| | | |
|---|---|---|
| Name: Aaron Thom | Title: Project Manager | |
| Organization: ExxonMobil Environmental Services | | |
| Mailing address: 2555 West 190th Street | | |
| City: Torrance | State: CA | Zip code: 90504 |
| Phone: 832 544 3413 | Fax: | E-mail: aaron.thom@exxonmobil.com |

***Past Business Owners (Operators).*** To the extent known, please identify below the owner of the business (operator) at the time the release occurred.

| | | |
|---|---|---|
| Name: Unknown | Title: Unknown | |
| Organization: Unknown | | |
| Mailing address: 1500 145th Place Southeast | | |
| City: Bellevue | State: WA | Zip code: 98007 |
| Phone: Unknown | Fax: Unknown | E-mail: Unknown |

***Identification of Past Business Operations.*** Please identify in the following table the past operations of businesses located on the source property using the North American Industry Classification System (NAICS) codes and/or specifying the operations.

| NAICS CODE | DESCRIPTION OF OPERATIONS |
|---|---|
| EX: 447110 | Gasoline Stations with Convenience Stores |
| 447190 | Service Stations, Gasoline |
| | |
| | |
| | |

## Part 3 – OPERATIONAL HISTORY OF THE SITE continued

**C. Future Use of Source and Affected Properties.** The following questions refer to both source and affected properties. Please answer these questions to the best of your ability.

Will any ownership interest in the source or affected properties be conveyed prior to, or upon completion of, the cleanup?

☐ Yes X No ☐ Unknown

If you answered "YES" above, please specify:

Attach additional pages if necessary.

Will any of the source or affected properties, or portions of those properties, be redeveloped as part of the cleanup?

☐ Yes X No ☐ Unknown

If you answered "YES" above, please specify the proposed land use below. Please check all that apply.

☐ Residential ☐ School
☐ Commercial ☐ Childcare facility
☐ Industrial ☐ Park
☐ Agricultural
☐ Other – please specify:

Please also specify the activities proposed for that land use:

Attach additional pages if necessary.

## Part 4 – ADMINISTRATIVE HISTORY OF THE SITE

Have you previously reported the release(s) of hazardous substances at the Site to Ecology?

X Yes – If so, when? 1991 ☐ No ☐ Unknown

Has the cleanup of the Site, or any portion of the Site, ever been managed under the VCP?

☐ Yes – If so, please specify the VCP Project Number: _____
X No
☐ Unknown

Has the cleanup of the Site, or any portion of the Site, ever been managed under a federal or state order or decree?

☐ Yes – If so, please specify the type and docket number: _____
☐ No
X Unknown

## Part 5 – DESCRIPTION OF INDEPENDENT REMEDIAL ACTIONS AT THE SITE

### A. Scope of Remedial Actions.

Do you plan to characterize and address all of the contamination at the Site, including any contamination located on affected adjacent properties, as part of the VCP project?

X Yes ☐ No ☐ Unknown

If you answered "NO" above, please describe below the scope of the VCP project, including the contamination (properties, portions of a property, media and/or hazardous substances) that you DO NOT plan on characterizing and/or addressing as part of the VCP project. Please include additional pages if necessary.

Attach additional pages if necessary.

## Part 5 – DESCRIPTION OF INDEPENDENT REMEDIAL ACTIONS AT THE SITE continued

### B. Status of Remedial Actions.

What is the current status of remedial actions at the site? Please check all that apply in the table below.

| REMEDIAL ACTION | PLANNED | ONGOING | COMPLETED | NOT APPLICABLE |
|---|---|---|---|---|
| INITIAL RESPONSE (UST ONLY) | | | X | |
| INTERIM ACTION | | | X | |
| REMEDIAL INVESTIGATION | | | X | |
| FEASIBILITY STUDY | | | X | |
| CLEANUP ACTION | | X | | |

### C. Documentation of Remedial Actions.

Please list in the table below all known remedial action plans or reports produced for the site, including:

- The title of the plan or report,
- The author (e.g. consulting firm) of the plan or report,
- The date the plan or report was produced,
- Whether the plan or report has been submitted to Ecology,
- The date the plan or report was submitted to Ecology.

| | TITLE | AUTHOR | DATE | SUBMITTED TO ECOLOGY | |
|---|---|---|---|---|---|
| | | | | Y/N? | DATE |
| EX: | John Doe's Site: Remedial Investigation Work Plan | Mom's Consulting Firm | 02/20/05 | NO | N/A |
| 1. | Limited Subsurface Investigation | ATEC | 11/21/91 | U | |
| 2. | Additional Subsurface Investigation | ATEC | 01/21/92 | U | |
| 3. | Supplemental Subsurface Investigation | ATEC | 02/10/92 | U | |
| 4. | Subsurface Exploration Draft Report | Kleinfelder | 05/20/92 | U | |
| 5. | Additional Subsurface Exploration | Kleinfelder | 11/06/92 | U | |
| 6. | Supplemental Subsurface Exploration | Kleinfelder | 11/29/94 | U | |
| 7. | Well Abnd., VES Well Inst. Pneumatic Fract. | Kleinfelder | 01/22/96 | U | |
| 8. | GW Monitoring/SVE Well Install Report | ERI | 12/06/05 | Y | 12/06/95 |
| 9. | Monitoring and Air Sparge Well Install REport | ERI | 08/31/07 | Y | 08/31/07 |
| 10. | Site Status Report – 4Q 2013 | Cardno ERI | 01/21/14 | Y | 01/21/14 |

## Part 6 – STATEMENT AND SIGNATURE

**A. Statement and Signature.** The undersigned affirms that the information contained in this application is true and accurate to the best of his or her knowledge. Please note that someone other than the Customer may sign this Application Form.

| | | |
|---|---|---|
| Name: Michael Miller | Title: Project Manager | |
| Signature:  | | Date: 5-13-14 |
| Organization: Cardno ERI | | |
| Mailing address: 801 Second Avenue, Suite 700 | | |
| City: Seattle | State: WA | Zip code: 98104 |
| Phone: 206 269 0104 | Fax: 206 269 0098 | E-mail: Michael.miller@cardno.com |

**B. Affiliation.**

What is the signatory's involvement at the Site? Please check all that apply.

- ☐ Customer
- ☐ Property Owner
- X Consultant
- ☐ Attorney
- ☐ Other – please specify: _____


FN 0311600001

## EXPLANATION

1/2-mile radius circle

N

## APPROXIMATE SCALE

0 0.5 1 mile

SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

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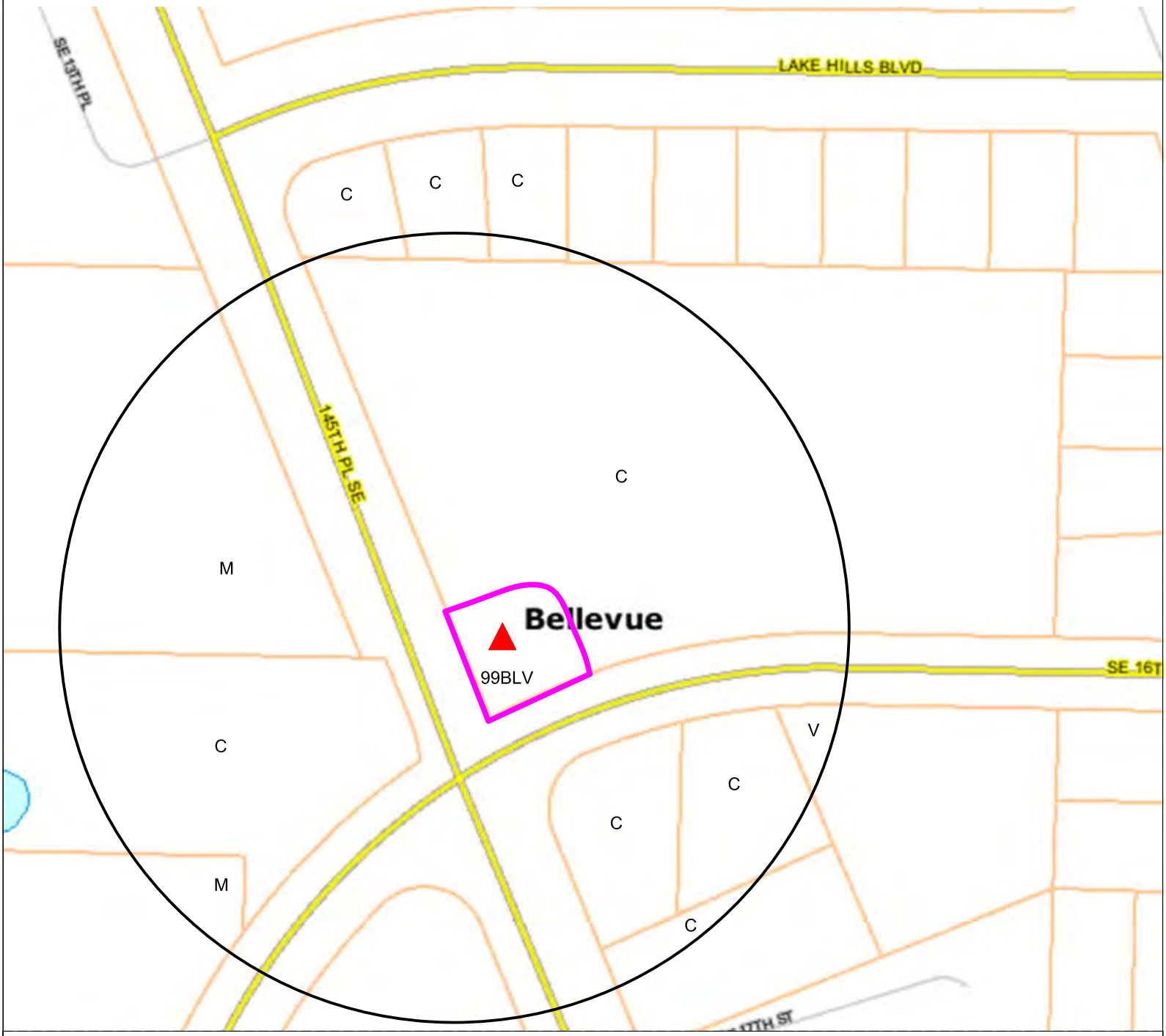
# REGIONAL AREA MAP

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

PROJECT NO.
031160

PLATE
A
RRT: 03/20/14




FN 0311600002

EXPLANATION

- Site
- Site Boundary
- 100 meter radius around the site
- M Multi-Family Residence
- V Vacant
- C Commercial Building

N

SOURCE:
Modified from a map
provided by
King County GIS Center

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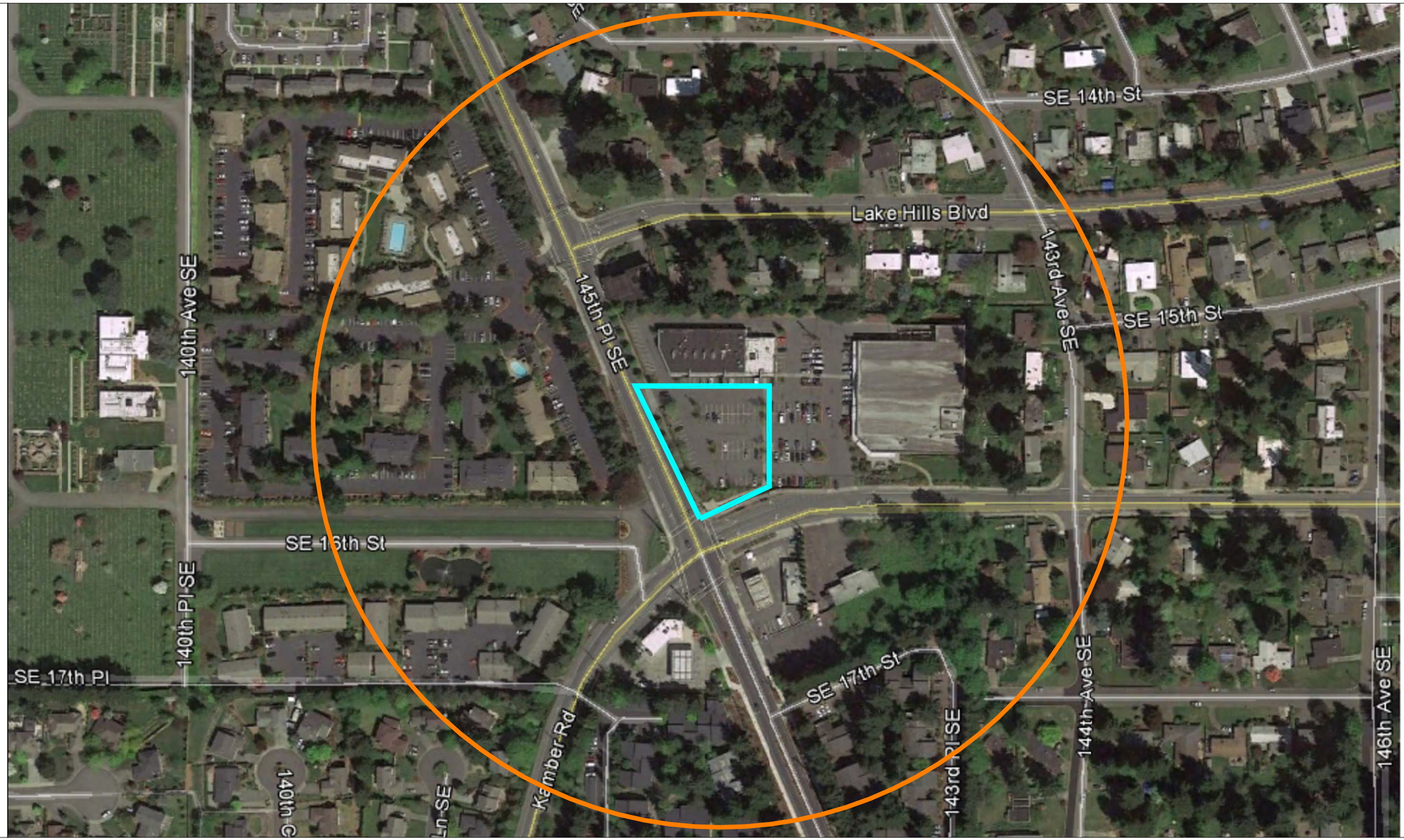
# LOCAL AREA MAP

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

**PROJECT NO.**
031160

**PLATE**
B

EJB: 07/23/13

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# SITE AERIAL MAP

FORMER MOBIL STATION 99BLV
1500 145th Place Southeast
Bellevue, Washington

500' Radius of Site

Site Boundaries

**PROJECT NO.**
031160

**PLATE**
C
RRT: 03/20/14

# APPENDIX D
## VOLUNTARY CLEANUP PROGRAM AGREEMENT

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# VCP AGREEMENT

DEPARTMENT OF ECOLOGY
State of Washington

**INSTRUCTIONS: Submit this Agreement (original) to Ecology as part of your Application.** Before submitting, enter the Customer's name and the Site's address on the first page and sign the Agreement on the second page. If your Application is accepted, then Ecology will do the following: 1) identify the Site and VCP project in the box below; 2) sign the Agreement; and 3) send you a copy of the completed Agreement.

This document constitutes an Agreement between the State of Washington Department of Ecology (Ecology) and ExxonMobil Environmental Services, on behalf of ExxonMobil Oil Corporation (Customer) to provide informal site-specific technical consultations under the Voluntary Cleanup Program (VCP) for the Site identified below and associated with the following address: 1500 145th Place Southeast, Bellevue, WA 98007 .

The purpose of this Agreement is to facilitate independent remedial action at the Site. Ecology is entering into this Agreement under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC. If a term in this Agreement is defined in MTCA or Chapter 173-340 WAC, then that definition shall govern.

## Services Provided by Ecology

Upon request, Ecology agrees to provide the Customer informal site-specific technical consultations on the independent remedial actions proposed for or performed at the Site consistent with WAC 173-340-515(5). Those consultations may include assistance in identifying applicable regulatory requirements and opinions on whether the remedial actions proposed for or conducted at the Site meet those requirements.

Ecology may use any appropriate resource to provide the Customer with the requested consultative services. Those resources may include, but shall not be limited to, those of Ecology and the Office of the Attorney General. However, Ecology shall not use independent contractors unless the Customer provides Ecology with prior written authorization.

In accordance with RCW 70.105D.030(1)(i), any opinions provided by Ecology under this Agreement are advisory only and not binding on Ecology. Ecology, the state, and officers and employees of the state are immune from all liability. Furthermore, no cause of action of any nature may arise from any act or omission in providing, or failing to provide, informal advice and assistance under the VCP.

## Payment for Services by Customer

The Customer agrees to pay all costs incurred by Ecology in providing the informal site-specific technical consultations requested by the Customer consistent with WAC 173-340-515(6) and 173-340-550(6). Those costs may include the costs incurred by attorneys or independent contractors used by Ecology to provide the requested consultative services. Ecology's hourly costs shall be determined based on the method in WAC 173-340-550(2).

Ecology shall mail the Customer a monthly itemized statement of costs (invoice) by the tenth day of each month (invoice date) that there is a balance on the account. The invoice shall include a summary of the costs incurred, payments received, identity of staff involved, and amount of time staff spent on the project.

The Customer shall pay the required amount by the due date, which shall be thirty (30) calendar days after the invoice date. If payment has not been received by the due date, then Ecology shall withhold

| | |
|---|---|
| **FOR COMPLETION BY ECOLOGY ONLY** | **Facility / Site Name:** |
| | **Facility / Site No.:** |
| | **VCP Project No.:** |

any requested opinions and notify the Customer by certified mail that the debt is past due. If payment has not been received within sixty (60) calendar days of the invoice date, then Ecology shall stop all work under the Agreement and may, as appropriate, assign the debt to a collection agency under Chapter 19.16 RCW. The Customer agrees to pay the collection agency fee incurred by Ecology in the course of debt collection.

### Reservation of Rights / No Settlement

This Agreement does not constitute a settlement of liability to the state under MTCA. This Agreement also does not protect a liable person from contribution claims by third parties for matters addressed by the Agreement. The state does not have the authority to settle with any person potentially liable under MTCA except in accordance with RCW 70.105D.040(4). Ecology's signature on this Agreement in no way constitutes a covenant not to sue or a compromise of any Ecology rights or authority.

Ecology reserves all rights under MTCA, including the right to require additional or different remedial actions at the Site should it deem such actions necessary to protect human health and the environment, and to issue orders requiring such remedial actions. Ecology also reserves all rights regarding the injury to, destruction of, or loss of natural resources resulting from the release or threatened release of hazardous substances at the Site.

### Effective Date, Modifications, and Severability

The effective date of this Agreement shall be the date on which this Agreement is signed by the Toxics Cleanup Program's Section Manager or delegated representative. This Agreement may be amended by mutual agreement of Ecology and the Customer. Amendments shall be in writing and shall be effective when signed by the Toxics Cleanup Program's Section Manager or delegated representative. If any provision of this Agreement proves to be void, it shall in no way invalidate any other provision of this Agreement.

### Termination of Agreement

Either party may terminate this Agreement without cause by sending written notice by U.S. mail to the other party. The effective date of termination shall be the date Ecology sends notice to the Customer or the date Ecology receives notice from the Customer, whichever occurs first. Unless otherwise directed, issuance of a No Further Action opinion, either for the Site as a whole or for a portion of the real property located within the Site, shall constitute notice of termination by Ecology.

Under this Agreement, the Customer is only responsible for costs incurred by Ecology before the effective date of termination. However, termination of this Agreement shall not affect any right Ecology may have to recover its costs under MTCA or any other provision of law.

### Representations and Signatures

The undersigned representative of the Customer hereby certifies that he or she is fully authorized to enter into this Agreement and to execute and legally bind the Customer to comply with the Agreement.

| | |
|---|---|
| STATE OF WASHINGTON<br>DEPARTMENT OF ECOLOGY | ExxonMobil Environmental Services<br>*Name of Customer* |
| _____<br>*Signature* |  <br>*Signature* |
| _____<br>*Printed Name* | Aaron Thom<br>*Printed Name of Signatory* |
| Section Manager, _____<br>Toxics Cleanup Program *Section* | Project Manager<br>*Title of Signatory* |
| Date: _____ | Date: 5/7/2014 |

If you need this document in an alternative format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

# APPENDIX E
## TERRESTRIAL ECOLOGICAL EVALUATION

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DEPARTMENT OF ECOLOGY
State of Washington

# Voluntary Cleanup Program

**Washington State Department of Ecology**
**Toxics Cleanup Program**

## TERRESTRIAL ECOLOGICAL EVALUATION FORM

Under the Model Toxics Control Act (MTCA), a terrestrial ecological evaluation is necessary if hazardous substances are released into the soils at a Site. In the event of such a release, you must take one of the following three actions as part of your investigation and cleanup of the Site:

1. Document an exclusion from further evaluation using the criteria in WAC 173-340-7491.
2. Conduct a simplified evaluation as set forth in WAC 173-340-7492.
3. Conduct a site-specific evaluation as set forth in WAC 173-340-7493.

When requesting a written opinion under the Voluntary Cleanup Program (VCP), you must complete this form and submit it to the Department of Ecology (Ecology). The form documents the type and results of your evaluation.

***Completion of this form is not sufficient to document your evaluation. You still need to document your analysis and the basis for your conclusion in your cleanup plan or report.***

If you have questions about how to conduct a terrestrial ecological evaluation, please contact the Ecology site manager assigned to your Site. For additional guidance, please refer to www.ecy.wa.gov/programs/tcp/policies/terrestrial/TEEHome.htm.

| Step 1: IDENTIFY HAZARDOUS WASTE SITE | |
|---|---|
| Please identify below the hazardous waste site for which you are documenting an evaluation. | |
| Facility/Site Name: Former Mobil Station 99BLV | |
| Facility/Site Address: 1500 145th Place Southeast | |
| Facility/Site No: Facility Name: BEL-EAST SHOPPING CENTER | VCP Project No.: N/A |

| Step 2: IDENTIFY EVALUATOR | | | |
|---|---|---|---|
| Please identify below the person who conducted the evaluation and their contact information. | | | |
| Name: Robert Thompson | | | Title: Senior Staff Scientist |
| Organization: Cardno ERI | | | |
| Mailing address: 801 Second Avenue, Suite 700 | | | |
| City: Seattle | | State: WA | Zip code: 98104 |
| Phone: 206 575 9504 | Fax: 206 269 0098 | E-mail: robert.thompson@cardno.com | |

## Step 3: DOCUMENT EVALUATION TYPE AND RESULTS

### A. Exclusion from further evaluation.

**1. Does the Site qualify for an exclusion from further evaluation?**

☒ Yes *If you answered **"YES,"** then answer **Question 2.***

☐ No or Unknown *If you answered **"NO" or "UKNOWN,"** then skip to **Step 3B** of this form.*

**2. What is the basis for the exclusion?** *Check all that apply. Then skip to **Step 4** of this form.*

Point of Compliance: WAC 173-340-7491(1)(a)

☐ All soil contamination is, or will be,* at least 15 feet below the surface.

☐ All soil contamination is, or will be,* at least 6 feet below the surface (or alternative depth if approved by Ecology), and institutional controls are used to manage remaining contamination.

Barriers to Exposure: WAC 173-340-7491(1)(b)

☐ All contaminated soil, is or will be,* covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and institutional controls are used to manage remaining contamination.

Undeveloped Land: WAC 173-340-7491(1)(c)

☐ There is less than 0.25 acres of contiguous[#] undeveloped[±] land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.

☒ For sites not containing any of the chemicals mentioned above, there is less than 1.5 acres of contiguous[#] undeveloped[±] land on or within 500 feet of any area of the Site.

Background Concentrations: WAC 173-340-7491(1)(d)

☐ Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

* An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

[±] "Undeveloped land" is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

[#] "Contiguous" undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

## B. Simplified evaluation.

**1. Does the Site qualify for a simplified evaluation?**

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No or Unknown *If you answered **"NO"** or **"UNKNOWN,"** then skip to **Step 3C** of this form.*

**2. Did you conduct a simplified evaluation?**

☐ Yes *If you answered **"YES,"** then answer **Question 3** below.*

☐ No *If you answered **"NO,"** then skip to **Step 3C** of this form.*

**3. Was further evaluation necessary?**

☐ Yes *If you answered **"YES,"** then answer **Question 4** below.*

☐ No *If you answered **"NO,"** then answer **Question 5** below.*

**4. If further evaluation was necessary, what did you do?**

☐ Used the concentrations listed in Table 749-2 as cleanup levels. *If so, then skip to **Step 4** of this form.*

☐ Conducted a site-specific evaluation. *If so, then skip to **Step 3C** of this form.*

**5. If no further evaluation was necessary, what was the reason?** *Check all that apply. Then skip to **Step 4** of this form.*

Exposure Analysis: WAC 173-340-7492(2)(a)

☐ Area of soil contamination at the Site is not more than 350 square feet.

☐ Current or planned land use makes wildlife exposure unlikely. Used Table 749-1.

Pathway Analysis: WAC 173-340-7492(2)(b)

☐ No potential exposure pathways from soil contamination to ecological receptors.

Contaminant Analysis: WAC 173-340-7492(2)(c)

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations that exceed the values listed in Table 749-2.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations that exceed the values listed in Table 749-2, and institutional controls are used to manage remaining contamination.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays, and institutional controls are used to manage remaining contamination.

**C. Site-specific evaluation.** A site-specific evaluation process consists of two parts: (1) formulating the problem, and (2) selecting the methods for addressing the identified problem. Both steps require consultation with and approval by Ecology. *See* WAC 173-340-7493(1)(c).

**1. Was there a problem?** *See* WAC 173-340-7493(2).

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No *If you answered **"NO,"** then identify the reason here and then skip to **Question 5** below:*

- ☐ No issues were identified during the problem formulation step.
- ☐ While issues were identified, those issues were addressed by the cleanup actions for protecting human health.

**2. What did you do to resolve the problem?** *See* WAC 173-340-7493(3).

- ☐ Used the concentrations listed in Table 749-3 as cleanup levels. *If so, then skip to **Question 5** below.*
- ☐ Used one or more of the methods listed in WAC 173-340-7493(3) to evaluate and address the identified problem. *If so, then answer **Questions 3 and 4** below.*

**3. If you conducted further site-specific evaluations, what methods did you use?** *Check all that apply. See* WAC 173-340-7493(3).

- ☐ Literature surveys.
- ☐ Soil bioassays.
- ☐ Wildlife exposure model.
- ☐ Biomarkers.
- ☐ Site-specific field studies.
- ☐ Weight of evidence.
- ☐ Other methods approved by Ecology. If so, please specify:

**4. What was the result of those evaluations?**

- ☐ Confirmed there was no problem.
- ☐ Confirmed there was a problem and established site-specific cleanup levels.

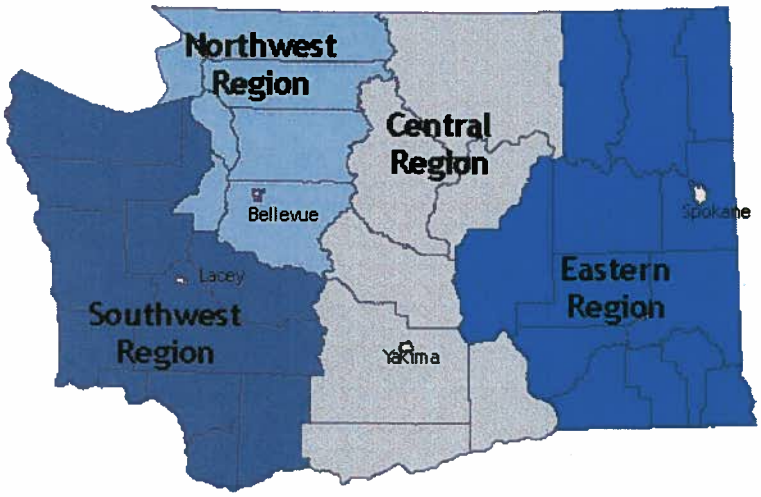
**5. Have you already obtained Ecology's approval of both your problem formulation and problem resolution steps?**

☐ Yes If so, please identify the Ecology staff who approved those steps:

☐ No

## Step 4: SUBMITTAL

Please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.




| | |
|---|---|
| **Northwest Region:**<br>Attn: VCP Coordinator<br>3190 160th Ave. SE<br>Bellevue, WA 98008-5452 | **Central Region:**<br>Attn: VCP Coordinator<br>15 W. Yakima Ave., Suite 200<br>Yakima, WA 98902 |
| **Southwest Region:**<br>Attn: VCP Coordinator<br>P.O. Box 47775<br>Olympia, WA 98504-7775 | **Eastern Region:**<br>Attn: VCP Coordinator<br>N. 4601 Monroe<br>Spokane WA 99205-1295 |